

ESTIMATE OF THE COST OF

COMPLETING THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS

IN THE STATE OF MONTANA

AUGUST 1, 1960

PREPARED BY THE MONTANA HIGHWAY DEPARTMENT

IN COOPERATION WITH THE BUREAU OF PUBLIC ROADS

DEPARTMENT OF COMMERCE

IN ACCORDANCE WITH

SECTION 104 (b)(5), TITLE 23, U.S. CODE HIGHWAYS



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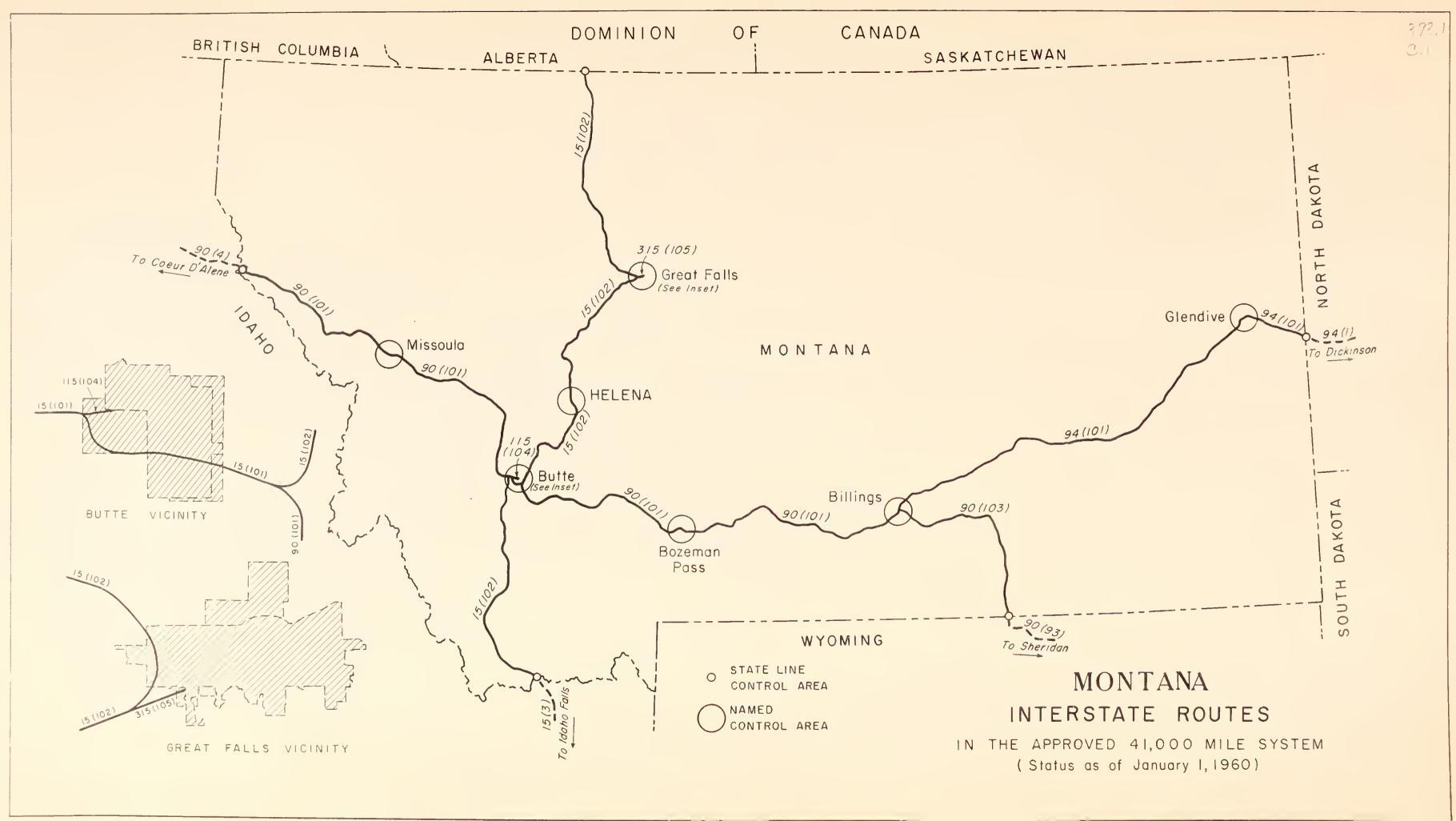


TABLE A

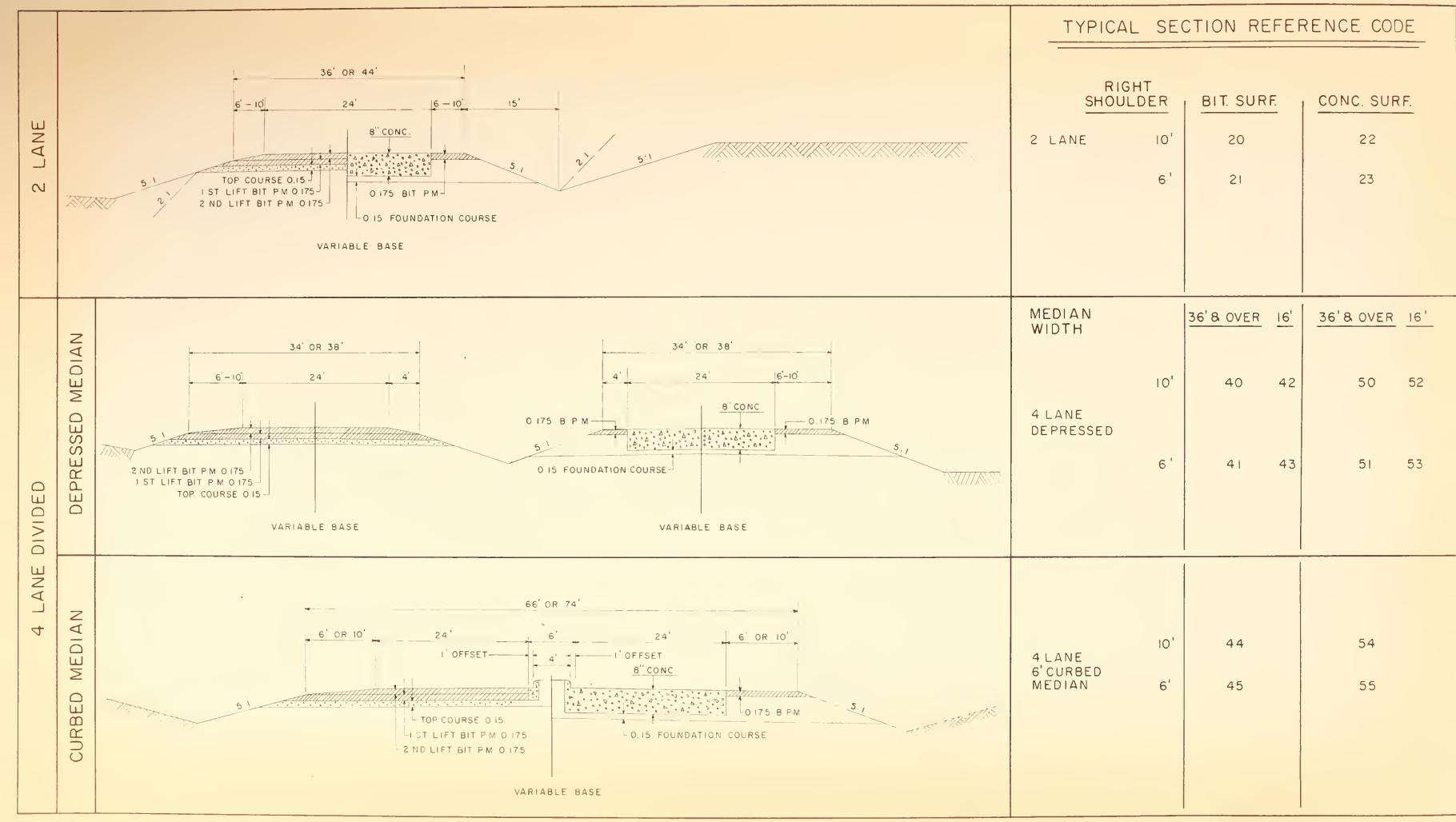
APPROVED INTERSTATE ROUTE DESCRIPTIONS

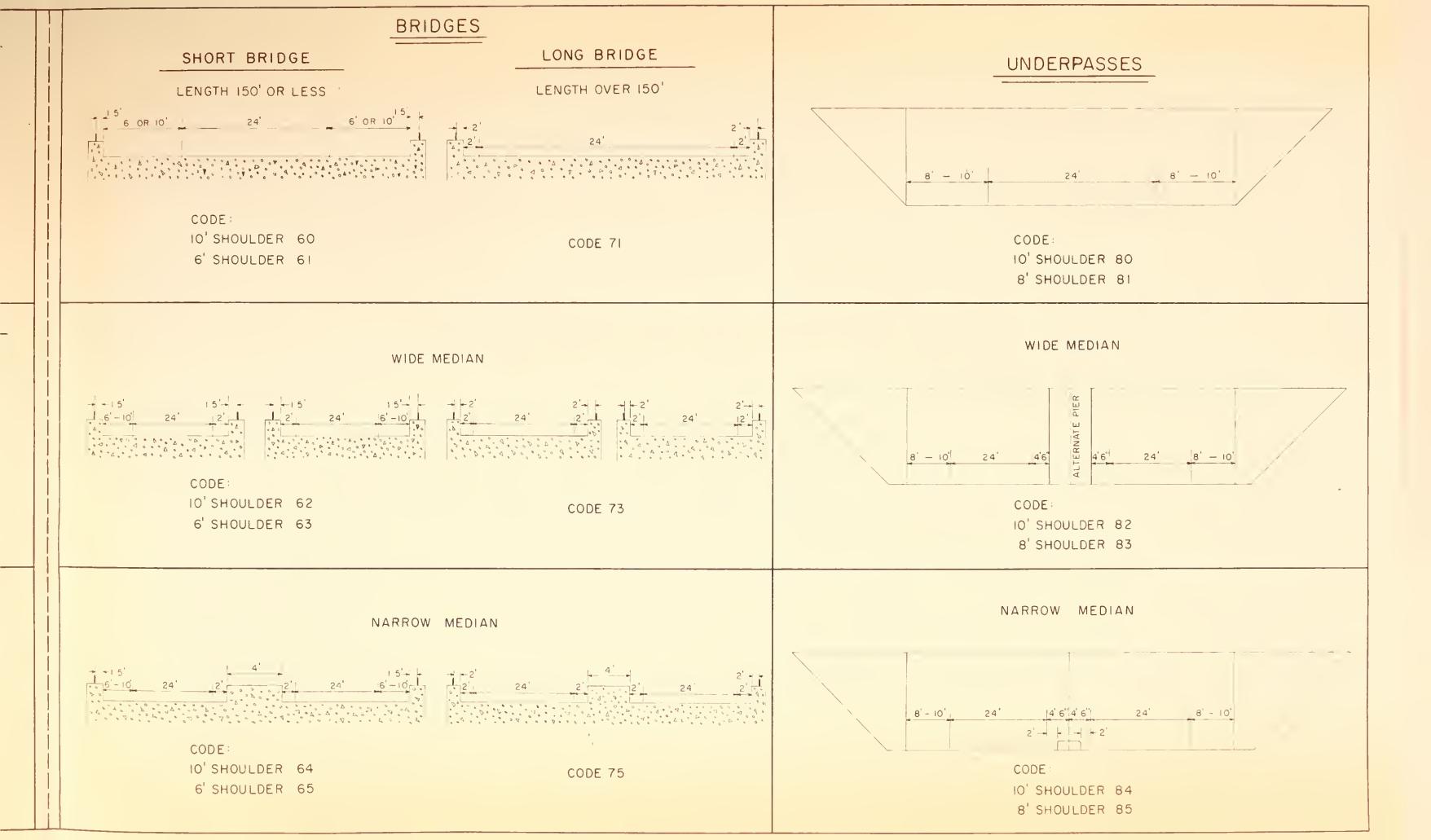
Ct - A -	MONTANA
State	

Rou Num		Route Identi-									
New	Old	fication Code	nouce Description	Length, Miles							
15	102	1	From the Montana-Idaho State line at Monida Pass via Butte, Helena, and Great Falls to the international boundary at Sweetgrass	387.0							
90	101-	1	From the Montana-Idaho State line at Lookout Pass via Missoula to a point on Interstate Route 15 west of Butte, and from another point on Interstate Route 15 east of Butte via Bozeman Pass and Billings to the Montana-Wyoming State line north of Sheridan, Wyoming	542.8							
94	101	1	From a point on Interstate Route 90 near Billings via Glendive to the Montana-North Dakota State line near Beach, North Dakota	246.8							
115	104	1	From a point on Interstate Route 15 west of Butte to Butte	1.4							
315	105	1	From a point on Interstate Route 15 southwest of Great Falls to Great Falls	1.0							
			TOTAL	1179.0							

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Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G1-G2	G2 - G3	G3-G4	G4-G5	G5-G6	G6-G7	G7-G8.1	G8.1-G8.2	G8.2-G9	G9-G10	G10-G11.1	G11.1-G11.2	G11.2-G12	G12-G13	G13-G14
I T E M 1. Section length, miles	1.6	11.2	4.4	5.9	1.9	12.7	8.0	5.0	5.2	3.4	6.5	9.5	3.2	9.1	5.7
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 576 1400 180 55% 15% 70 2	R E 576 1400 180 55% 15% 70	R E 614 1500 190 55% 15% 70	R E 614 1500 190 55% 15% 70	R N 614 1500 190 55% 15% 70	R E 543 1300 170 55% 15% 70 2	R N 691 1800 230 55% 15% 70 2	R N 691 1800 230 55% 15% 60	R E 691 1800 230 55% 15% 60 2	R E 719 1800 230 55% 15% 70 2	R N 1063 2700 350 55% 15% 70 2	R N 685 1800 230 55% 10% 70 2	R 673 1700 220 55% 10% 70 2	R N 673 1700 220 55% 10% 60 2	R N 612 1600 210 55% 10% 60 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	1.6 - -	11.2	3.7 0.7	5.9 - -	1.2	12.7	8.0	5.0 - -	5.2	3. ⁴	5.5 1.0	9.5	3.2	9.1	5.7
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 250	20 260	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum	-	-	-	-	-	-	-	-	-	-	-	-	-	=	-
prevailing	_	_	_	_	_	-	_	_	-		_	_	_	_	-

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STATE	MONTANA	NEW	INTERSTATE	ROUTE	NO.	15

Old Interstate route number	102	102	102	102	102	102	102	102	101	101	101	101	102	102	102
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G14-G15	G15-G16	G16-G17	G17-G18.1	G18.1-G18.2	G18.2-G18.3	G18.3-G19	G19-G20.1	G20.1-G20.2	G20.2-G20.	G20.3-G20.4	G20.4-G21	G21-G22.1 (G22.1-G22.2	G22.2-G22.3
I T E M · 1. Section length, miles	3.3	5•5	10.2	4.7	1.3	1.7	1.0	1.5	3.5	4.1	8.0	0.4	3.8	0.3	4.2
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 698 1800 230 55% 10% 60	R E 703 1800 230 55% 10% 50	R 780 1900 250 55% 10% 60	R 780 1900 250 55% 10% 50	R E 775 1900 250 55% 10% 70	R E 825 2000 260 55% 10% 60	R E 825 2000 260 55% 10% 60	R E 1137 2800 360 65% 85 60 4	R E 4870 12500 1520 65% 7% 60	U 4860 13300 1460 65% 60 4	R N 2090 5700 740 60% 60	R N 2090 5700 740 60% 60 4	R 1040 2700 350 55% 10% 50	11 1040 2700 350 55% 10% 50	R N 660 1600 210 55% 10% 50
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	3.3	5.5	9.9 0.3	4.4	1.0	1.7	1.0	1.0	3.5	4.1	0.8	- 0.77	3.8	0.3	4.2
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	45 300	20 300	40 300	20 300	20 300	40 260	40 260	40 300	50 300	50 180	50 200	55 300	55 300	45 300
prevailing	300	300	300	300	300	300	260	260	300	300	250	250	300	300	300
16. Median width: minimum	-	6	-	46	•	-	36	36	76	36	36	36	6	6	6
prevailing	-	6	-	46	_	-	36	36	76	36	36	36	6	6	6

STATE	MONTANA	NEW INTERSTATE ROUTE NO.	15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G22.3-G224	G22.4-G23	G23-G24	G24-G25	G25-G26.1	G26.1-G26.2	G26.2-G27	G27-G28.1	G28.1-G28.2	G28.2-G28.3	G28.3-G29	G29-G30	G30-G31.1	G31.1-G31.2	G31.2-G32
I T E M 1. Section length, miles	6.0	9.9	5.4	7.1	8.6	4.5	0.3	2.2	0.4	0.2	1.2	5.9	2.3	7.4	1.5
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes		R N 660 1600 210 55% 10% 50	R 801 2000 260 55% 10% 70 2	R E 801 2000 260 55% 10% 50	R E 1092 2800 360 55% 10% 60	R E 1110 2800 390 55% 10% 60	R E 1110 2800 390 55% 10% 60	R E 1225 3800 530 60% 12% 70	U N 1225 3800 530 60% 12% 60	U N 1225 3800 530 60% 12% 60	U N 1400 4300 650 60% 12% 60	R N 1400 4300 650 60% 12% 70	R N 1018 3000 450 55% 12% 70	R E 1018 3000 450 55% 12% 50	R E 979 2800 420 55% 12% 50 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	6.0	9.9 - -	- 0.4 2.0	6.1 1.0	7.6 1.0	3.5 1.0	0.3	1.3	0.4	0.2	1.2	0.9 5.0	2.3	7.4	1.5
14. Typical cross-section reference 15. Right-of-way width: minimum	45 300	45 300	20 300	45 300	20 300	20 300	20 300	40 250	40 250	73 240	40 240	40 180	40 200	40 300	20 300
prevailing	300	300	300	300	300	300	300	250	300	240	240	250	200	300	300
16. Median width: minimum	6	6	-	6	-	_	-	46	46	46	46	46	46	46	-
prevailing	6	6	-	6	-	-	-	46	46	46	46	46	46	46	-

STATE MONTANA NEW INTERSTATE ROUTE NO. 15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 of 2)	1	1	1 '	1	1	1	1	1	1	1	1	1	1	1	1
Section	G32-H1	H1_H2	Н2-Н3	H3-H4	H4-H5	н5-н6	н6-н7.1	H7.1-H7.2	H7.2-H8	H8-H9.1	Н9.1-Н9.2	H9.2-H10	H10-H11	H11-H12	H12-H13
I T E M 1. Section length, miles	6.0	8.3	6.0	3.8	3.6	4.8	2.4	1.5	2.5	5.0	1.7	4.0	2.9	5.4	2.6
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 989 2800 420 55% 12% 60	R 1043 3000 450 55% 12% 50	R 904 2400 360 55% 12% 50 4	R N 914 2400 360 55% 12% 50 2	R E 940 2500 370 55% 12% 50 4	R E 940 2500 370 55% 15% 50	R N 940 2500 370 55% 15% 50 4	R E 940 2500 370 55% 12% 60 2	R E 1014 2700 400 55% 12% 60	R N 1014 2700 400 55% 12% 60	R N 1227 3300 490 55% 12% 70	R N 1227 3300 490 55% 12% 70	R N 1227 3300 490 55% 12% 70	R N 1227 3300 490 55% 12% 70	R E 1564 4200 630 55% 12% 60
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	5.0 1.0	7.2 1.1	4.5 1.5	1.3	3.6	2.8 2.0	2.4	1.5	2.2	1.3 3.7	0.7	4.0	2.9	5.4	2.0
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	45 300	45 300	21 300	45 300	45 300	45 300	21 300	21 300	20 300	20 300	20 230	40 300	20 300	300
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum	-	6	6	-	6	6	6	-		-	-	-	76	-	46
prevailing	-	6	6	-	6	6	6	-	-	•	-	-	76	_	46

15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	H13-H14	H14-H15	н15-н16	H16-H17	H17-H18	H18-H19	H19-H20	H20-H21.1	H21.1-H212	H21.2-H22	H22-H23.1	H23.1-H23.2	H23.2-H24	H24-H25	H25-I1
I T E M 1. Section length, miles	4.3	1.5	0.7	1.2	1.7	1.4	6.9	10.1	7.0	8.8	2.7	2.3	1.0	2.8	13.1
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 1564 4200 630 55% 12% 70 2	R N 1564 4200 630 55% 12% 60	R N 1564 4200 630 55% 12% 60	U N 1400 4100 490 60% 15% 70	R N 3000 9300 1160 60% 10% 70	R N 3400 10000 1250 60% 10% 70	R N 3400 10000 1250 60% 10% 70	R E 1381 3700 480 55% 15% 60	R E 1157 3100 400 55% 15% 70	R E 1438 3800 490 55% 15% 70 2	R E 1182 3100 400 55% 15% 60	R E 1182 3100 400 55% 15% 70 2	R E 1160 3100 400 55% 15% 70 2	R E 1160 3100 400 55% 15% 70 2	R N 1383 3800 490 55% 15% 70 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides		1.1	0.7	1.0	0.7	1.4	6.2 0.4 0.3	8.3 1.8	4.1 0.4 2.5	6.3 0.6 1.9	2.7	2.3	1.0	2.8	10.1
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	50 300	50 300	50 300	50 300	40 270	40 270	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300
prevailing	300	300	300	300	300	270	270	300	300	300	300	300	300	300	300
16. Median width: minimum	~	46	46	46	46	46	46	-	-	-	-	-	-	-	-
prevailing	-	46	46	46	46	46	46	-	-	-	-	-	-	-	-

TABLE	В	_	DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS	

STATE	MONTANA	NEW INTERSTATE ROUTE NO.	15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102			
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1			
Section	I1-I2	12-13	13-14	14-15	15-16.1	16.1-16.2	16.2-17	17-18.1	I8.1-I8.2	18.2-19	I9-I10	110-111	RURAL	URBAN	TOTAL
I T E M 1. Section length, miles	14.6	1.3	3.4	3.4	3.3	2.3	11.1	10.1	4.2	0.8	3.5	0.5	379.9	7.1	387.0
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 1563 4300 560 55% 13% 70	R N 1013 2700 350 55% 15% 70	R 1031 2700 350 55% 15% 60	R E 1031 2700 350 55% 15% 70	R N 1240 3300 430 55% 15% 60	R E 890 2300 300 55% 15% 70	R E 934 2400 310 55% 15% 70 2	R E 953 2400 310 55% 17% 70	R E 877 2200 290 55% 15% 70	R E 623 1600 210 55% 17% 60	R E 623 1600 210 55% 17% 60	R E 623 1600 210 55% 17% 70			
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	13.2 1.4	1.3	2.4	2.9	2.5 0.6 0.2	2.0	11.1	3.1 1.0 6.0	4.2	0.8	3.5	0.5	322.4 45.6 11.9	6.9	329.3 45.8 11.9
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	40 300	20 300	40 260	20 300	20 300	20 300	20 300	20 210	40 240	40 240			
prevailing	300	300	300	300	300	300	300	300	300	250	260	240			
16. Median width: minimum	=	-	46	-	46	-	-	-	_	-	46	46			
prevailing			46		46	_					46	46			

Signatures:		Date
	State: Name and Title	
		Date
	BPR Division Engineer	

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

										,					
Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G1-G2	G2-G3	G3-G4	G4-G5	G5-G6	G6-G7	G7-G8.1	G8.1-G8.2	G8.2-G9	G9-G10	G10-G11.1	G11.1-G11.2	G11.2-G12	G12-G13	J13-J14
Section length, miles (O.l mile)	1.6	11.2	4.4	5.9	1.9	12.7	8.0	5.0	5, 2	3.4	6.5	9.5	3.2	9.1	5.7
Class: Rural or Urban	R	R	R	Ř	ಗ	R	R	R	R	H	R	R	R	R	it
Location: Existing, new, or toll	N N	E	E	E	N	E	N	N	E	<u>E</u>	N	N	N	N	V
No. Lanes to be constructed this estimate		2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code	23	22	22	22	23	22	23	23	22	22	23	23	23	23	23
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)									
				1	i		1	ı	1	ı	ı	1	1		
1. Preliminary engineering				31	18	61									4.2
2. Right-of-way				143	55	191	156	70	26	120	261	150	25	85	85
3. Clear & grub; demolition								6	6	3	6			6	9
4. Utility adjustments				8	1	42	5	9	9	13	6	3		[3
5. Grade & Drain; minor structures				139	90	263	215	162	388	57	246	174	227	397	236
6. Base; surfacing; shoulders	50	352	138	330	112	829	424	265	276	180	352	449	151	430	302
7. R.R. grade separations		~-													163
8. Highway grade separations without ramps						-~	600 1				-				
9. Interchanges, complete				157	157	157	157				317	157			154
10. Other bridges; tunnels							135	147	24		127			323	~
ll. Walls															
12. Guardrail; fencing; lighting; traffic				/ .	20	0.0	/ 0	2/		0.0	3.0		0.0		,
control devices				64	39	90	60	36	49	22	142	70	20	73	-6
13. Roadside improvement	2	32	13	17	5	36	43	14	15	10	18	27	9	26	36
14. All other items 15. Subtotal, lines 3 to 14	55	201	151	77.5		1/17	1020		767	705	101/		107	1000	
16. Construction Engineering & Contingencies,	22	384	151	715	404	1417	1039	639	101	285	1214	880	407	1255	959
10% of line 15	5	38	15	72	40	142	104	64	77	28	121	88	41	126	96
17. Total Estimated Cost	60	422	166	961	517	1811	1299	773	870			1118	473		1182
TOTAL DOCTING CON COST	00	422	100	40T	21/	TOTT	1277	(1)	870	433	1596	1118	4()	1466	1182

STATE Montana

	1				1	2.00	200	300	200	1 200	2.00	200	2.00	1 300	200
Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G14-G15	G15-G16	G16-G17		G18.1-G182	G18.2-G183		G19-G20.1		G20.2-G20.3			G21-G22.1	G22.1-G222	322.2-322.3
Section length, miles (0.1 mile)	3.3	5.5	10.2	4.7	1.3	1.7	1.0	1.5	3.5	4.1	8.0	0.4	3.8	0.3	4.2
Class: Rural or Urban	R	Н	R	R	R	R	R	K	R	U	R.	ਮ	ਜ਼	ત	П
Location: Existing, new, or toll	N	E	N	N	E	E	E	3	Е	N	N	N	N	N	J o
No. Lanes to be constructed this estimate		4	2	44	2	2	4	4	4	4	4	4	4	4	One,
No. through traffic lanes	2	4	2	4	2	2	4	4	4	4	4	4	4	4	dendy.
Finance code	23	22	23	23	22	22	22	22	22	23	23	23	23	23	23
WORK CLASSIFICATION			ES	TIMATED CO	STS (1,000	Dollars)									
										_					
1. Preliminary engineering	10	57	56	51	15		~-		38	19	3	4		6	80
2. Right-of-way	51	51	120	85	20				75	1470	10	12	181	2	31
3. Clear & grub; demolition														1	51
4. Utility adjustments	1	8	3	10	1					275	18	1	23	1	21
5. Grade & Drain; minor structures	43	427	473	403	56					415	178	73	1745	57	1119
6. Base; surfacing; shoulders	175	582	543	443	71				199	303	166	83	822	65	412
7. R.R. grade separations				~~						724			110		
8. Highway grade separations without ramps										150	70	106	96		
9. Interchanges, complete		207	169	259	157		~~		483	698		248			205
10. Other bridges; tunnels				***					_						
11. Walls															appe falls
12. Guardrail; fencing; lighting; traffic															
control devices	20	78	93	56	57	1 1		11	126	399	40	128	73	6	45
13. Roadside improvement	10	16	29	14	4	5	3	4	10	12	2	1	11	1	12
14. All other items								`	75						
15. Subtotal, lines 3 to 14	249	1318	1310	11.85	346	6	3	15	893	2976	474	640	2880	131	1866
16. Construction Engineering & Contingencies,															
10% of line 15	25	132	131	118	34		1	2	89	297	47	64	288	13	186
17. Total Estimated Cost	335	1558	1617	1439	415	6	4	17	1095	4762	534	720	3349	152	2163

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

HEET	3	OF	-6

STATE Montana

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	11	1	1	11
	22.3-G22.4		G23-G24	G24-G25		G26.1-G26.2		G27-G28.1	G28.1-G28.	028.2-G28.3		G29-G30	G30-G31.1	G31.1-G312	G31.2-G32
Section length, miles (O.1 mile)	6.0	9.9	5.4	7.1	8.6	4.5	0.3	2.2	0.4	0.2	1.2	5.9	2.3	7.4	1.5
Class: Rural or Urban	R	R	R	R	ત	ત	н	R	Ü	Ü	U	ત	R	તે	
Location: Existing, new, or toll	N	N	N	£	E	2	E	ŭ	И	N	N	N	K	Ė	ప
No. Lanes to be constructed this estimate	e 4	4	2	4	2	2	2	4	4	4	4	4	4	4	2
No. through traffic lanes	4	4	2	4	2	2	2	4	4	4	4	4	4	4	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	23	23	22	22
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)									
				1				1	t	1			1		
1. Preliminary engineering	251	369	36	114				19	3		12	29	8	43	4
2. Right-of-way	44	73	154	128	327	345	23	169	31		104	452	176	97	20
3. Clear & grub; demolition	36	119		6	13		1							9	
4. Utility adjustments	29 .	49	7	41	73	48	3	%			30	12		2	~-
5. Grade & Drain; minor structures	5013	6916	210	1552	533	210	28	109	81	-~	107	348	79	1454	87
6. Base; surfacing; shoulders	635	1048	259	704	414	221	16	263	46		139	806	267	733	84
7. R.R. grade separations						87			~~						ma ma
8. Highway grade separations without ramps		129	62		62						60	103			the day
9. Interchanges, complete			158	205	158	158		361			182	165		252	
10. Other bridges; tunnels		123	53		25							58	43		
ll. Walls															
12. Guardrail; fencing; lighting; traffic														100	
control devices	104	178	63	113	81	75	5	171	20	6	125	47	14	67	9
13. Roadside improvement	17	28	15	28	25	13	1	6	1		3	17	7	11	4
14. All other items														37	
15. Subtotal, lines 3 to 14	5834	8590	827	2649	1384	812	54	1006	148	6	646	1556	410	2565	184
16. Construction Engineering & Contingencies,	584	859	83	265	138	81	6	101	15	1	65	156	41	256	18
10% of line 15					-			I.		1	1	-			
17. Total Estimated Cost	6713	9891	1100	3156	1849	1238	83	1295	197	7	827	2193	635	2961	226

STATE Montana

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	l	1	1	1
Section	G32-H1	H1-H2	H2-H3	Н3-Н4	H4-H5	Н5-Н6	Н6-Н7.1	H7.1-H7.2	H7.2-H8	H8~H9.1	Н9.1-Н9.2	H9.2-H10	H10-H11	H11-H12	H12-H13
Section length, miles (0.1 mile)	6.0	8.3	6.0	3.8	3.6	4.8	2.4	1.5	2.5	5.0	1.7	4.0	2.9	5.4	2.6
Class: Rural or Urban	R	R	R	R	R	R	R	R	Л	R	R	R	R	R	R
Location: Existing, new, or toll	E	N	N	N	E	E	N	E	E	N	N	N	N	N	b
No. Lanes to be constructed this estimate		4	4	2	4	4	4	2	2	2	2	2	4	2	4
No. through traffic lanes	2	4	4	2	4	4	4	2	2	2	2	2	4	2	4
Finance code	22	23	23	23	22	22	23	22	22	23	23	23	23	23	22
WORK CLASSIFICATION			ES	TIMATED CO	STS (1,000	Dollars)									
					ı	ı	ı	1	1	1		1	1		
1. Preliminary engineering	14														10
2. Right-of-way	78	208	151	95	90	120	125	79	110	220	65				444
3. Clear & grub; demolition		50	18	3											
4. Utility adjustments	5	105	7	3	8	3	4	5	8	5	4				Ĩ
5. Grade & Drain; minor structures	192	1737	1192	825	576	1961	1055	184	413	651	138		-		55
6. Base; surfacing; shoulders	291	739	716	195	507	608	280	71	121	312	104				152
7. R.R. grade separations	~-	523		85		~~	194								
8. Highway grade separations without ramps			54	70		108				42		_			
9. Interchanges, complete	166	402		268	252	252		198	126	134	142				
10. Other bridges; tunnels		549		487			709	44							
ll. Walls															
12. Guardrail; fencing; lighting; traffic															
control devices	64	211	79	86	93	110	78	28	27	37	16			-~	16
13. Roadside improvement	17	26	17	11	20		~-	4	7	14	5	8	4	15	7
14. All other items															~~
15. Subtotal, lines 3 to 14	735	4342	2083	2033	1456	3042	2320	534	702	1195	409	8	4	15	231
16. Construction Engineering & Contingencies,	71	121	200	202	31/	201	000	50	50	300		2		3	22
10% of line 15	74	434	208	203	146	304	232	53	70	120	41	1	0	1	23
17. Total Estimated Cost	901	4984	2442	2331	1692	3466	2677	666	882	1535	515	9	4	16	308

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	H13-H14	H14-H15	H15-H16	H16-H17	H17-H18	H18-H19	H19-H20	H20-H21.1	H21.1-H21.2	H21.2-H22	H22-H23.1	H23.1-H23.2	H23.2-H24	H24-H25	H25-I1
Section length, miles (0.1 mile)	4.3	1.5	0.7	1.2	1.7	1.4	6.9	10.1	7.0	8.8	2.7	2.3	1.0	2.8	13.1
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	ત	R
Location: Existing, new, or toll	E	N	N	N	N	N	N	E	E	E	E	E	E	E	E
No. Lanes to be constructed this estimate		4	4	4	4	4	4	2	2	2	2	2	2	2	2
No. through traffic lanes	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
Finance code	22	23	23	23	23	23	23	22	22	22	22	22	22	22	23
WORK CLASSIFICATION			ES	TIMATED COS	STS (1,000	Dollars)									
	0.0			1 (1	1	I	1	I	1	1			
1. Preliminary engineering	28		7.50		2/0					20/		2.5	7.5		20/
2. Right-of-way	72	25	152	260	368			141	98	136	42	35	15	43	296
3. Clear & grub; demolition	6	27	12		8				30	22		7	2	23	27
4. Utility adjustments	122	37 99	34	58 84	87			291	39 147	33 117	50	22	18	41	266
5. Grade & Drain; minor structures	273	314	145	254	377			579	432	362	151	86	56	157	756
6. Base; surfacing; shoulders	210)14 	147	2)4	274			777	4)2	702	1)1	_		±27	129
7. R.R. grade separations				1 1											· ·
8. Highway grade separations without ramps	166	110	90	108	108			135	7/2	2/2					43 503
9. Interchanges, complete 10. Other bridges; tunnels		110	257	205	138			170	163	363	70(
11. Walls				546							126				
12. Guardrail; fencing; lighting; traffic		~-													CO. 400*
control devices	37	34	150	169	89	ı	46	83	54	75	17	25	6	17	112
13. Roadside improvement		74	2	3	07 5	1.	19	49	20	25	8	6	3	8	37
14. All other items	12 37		~=				17 	47							
15. Subtotal, lines 3 to 14	653	598	690	1427	1086	5	65	1312	855	975	356	146	85	246	1873
16. Construction Engineering & Contingencies,),0	0,0	1421	1000)	0)	مدرد	0))	7/2	220	140	87	£40	101)
10% of line 15	65	60	69	143	109	_	7	131	85	97	35	15	9	25	187
17. Total Estimated Cost	818	683	911	1830	1563	5	72	1584	1038	1208	433	196	109	314	2356

STATE	Montana

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102			
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	Subt	total	Total
Section	I1 - I2	I2 - I3	I3 - I4	I4 - I5		16.1-16.2	16.2-17	17 - 18.1	18.1-18.2	I8.2-I9	I9-I10	I10-I11	Rural	Urban	For doute
Section length, miles (O.1 mile)	14.6	1.3	3.4	3.4	3.3	2.3	11.1	10.1	4.2	0.8	3.5	0.5	379.9	7.1	387.0
Class: Rural or Urban	R	R	R	R	R	R	H	R	R	R	R	R			
Location: Existing, new, or toll	N	N	N	E	N	E	E	E	E	E	E	E			
No. Lanes to be constructed this estimate		2	4	2	4	2	2	2	2	2	4	4			
No. through traffic lanes	2	2	4	2	4	2	2	2	2	2	4	4			
Finance code	23	23	23	22	23	22	22	22	22	22	22	22			
WORK CLASSIFICATION			ES?	CIMATED CO	STS (1,000	Dollars)									
				1		1	1	1		ŧ	ı	1	1		
1. Preliminary engineering		1	9	2									1409	34	1443
2. Right-of-way	261	20	51	51			116	106		16	346	49	7837	1865	9702
3. Clear & grub; demolition			700 001										343		343
4. Utility adjustments	7	2	12	41			1	78		1	2	14	1065	363	1428
5. Grade & Drain; minor structures	541	139	746	49	4		156	313		24	336	11	36299	687	36986
6. Base; surfacing; shoulders	827	73	344	198	4		621	679		47	347	49	24624	742	25366
7. R.R. grade separations	123												1688	724	2412
8. Highway grade separations without ramps	36			108				123					1545	318	1863
9. Interchanges, complete	317		125				316	158				213	9390	1085	10475
10. Other bridges; tunnels	100		679		-~				·				3752	546	4298
ll. Walls	}		~-		~-										
12. Guardrail; fencing; lighting; traffic															
control devices	111	8	31	21	136	3	90	73	15	5	21	28	4506	719	5225
13. Roadside improvement	62	3	10	10	_9	7	32	29	12	2	10	1	1144	19	1163
14. All other items	~~				37	37							223		223
15. Subtotal, lines 3 to 14	2124	225	1947	427	190	47	1216	1453	27	79	716	316	84579	5203	89782
16. Construction Engineering & Contingencies,	222	22	3.05		3.0		3.00	215		0	90	22	8457	521	8978
10% of line 15	212	22	195	43	19	5	122	145	3	8	72	32			
17. Total Estimated Cost	2597	268	2202	523	209	52	1454	1704	30	103	1134	397	102282	7623	109905

Signatures:		Date
	State: Name and Title	
		Date
	BPR Division Engineer	

Sheet 1 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

			2.00	7.00	7.00	200	300	200	200	7.00	7.00	7.00	7.00	= 0.0	1
Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	20.22	1	1	05.07	0/.07	1 2 2 2 2	00 1 00 0	1	00.030	010 011	022 5 025	0.000		1
Section	G1-G2	G2-G3	G3-G4	G4-G5	G5-G6	G6-G7	G7-G8.1	G8.1-G8.2	G8,2-G9	G9-G10			G11.2-G12		G13-G14
Section length, miles (0.1 mile)	1.6	11.2	4.4	5.9	1.9	12.7	8,0	5.0	5.2	3.4	6.5	9.5	3.2	9,1	5.7
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	E	E	E	N	E	N	N	E	E	N	N	N	N	N
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	22	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	. 2	2	2	2	2	2	2
Finance code	23	22	22	22	23	22	23	23	22	22	23	23	23	23	23
WORK CLASSIFICATION Item No. from					ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTUR	RES	1	1			
Table C 7. R.R. grade separations Cost	_	_	_	_	_	_	_	_	_	_	_	_		_	163
No. for which costs estimated	_	_	_	_	_	_	_	_	_	_	_	_	_	-	1
No. in service - cost = zero	1	_	1	_	_	_	_	-	-	_	_	_	_	_	
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
8. Highway grade separations without						}									
ramps Cost		-	-	-				-	_	_	_	-		-	_
No. for which costs estimated	-	_	-	_	_	_	_	-	-	_	_	_	-	-	este.
No. in service - cost = zero		_	-	_	-	_	-	_	_	_	_	_	-	-	_
No. in authorized status - cost = zero	-	-	-	-	-	-	-	-	-	-	-		-	~~	_
9. Interchanges, complete Cost	_		_	157	157	157	157	_	_	_	317	157	_		164
No. for which costs estimated	-	-	-	1	1].	1		_	_	2	7	_	_	1
No. in service - cost = zero	1	_	1	_	_	_	_	_	_	_			_		
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
10. Other bridges: tunnels Cost		_		-	_	_	135	147	24	_	127	_	-	323	
No. for which costs estimated	_	_	_	_	_	_	2	2	1	_	2	_	_	7	_
No. in service - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
No. in authorized status - cost = zero	-	_	-	_	_	_	_		-	-	_	_	-	_	_
Total structures Cost	_	_	_	157	157	157	292	147	24	_	444	157	_	323	327
No. for which costs estimated	_	_		٦	1	1	3	2	7		4	1		1	2
No. in service - cost = zero	2		2			-	1			-	4	-	-		2
No. in authorized status - cost = zero	2	_	2	_	-	_	_	-	-	_	_	_	_	_	-
In authorized Status - Cost = Zero	_	-		_	_	_	_	-	-	_	-	-	_	_	_

Sheet 2 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

			1	1	T			Т							
Old Interstate route number	102	102	102 ·	102	102	102	102	102	101	101	701	101	102	102	102
Route identification (Code 1 or 2)	1	1 1	1	11	1	11	1	1	1	11	1	1	11	1	7
Section	G14-G15	G15-G16	G16-G17			2 G18.2 -G18.3		G19-G20.1		G20.2-G203	G20.3-G204	G20_4-G21	G21-G22 1	G22 1-G22 2	G22.2-G22.1
Section length, miles (0.1 mile)	3.3	5.5	10.2	4.7	1.3	1.7	1.0	1_5	3.5	4.1	8.0	0.4	3.8	0.3	4.2
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	II II	R	B. B.	R	R	R
Location: Existing, new, or toll	N.	E	M	N	E	E	E	E	E	N	M	N	H	H	N
No. Lanes to be constructed this estimate	te 2	4	2	4.	2	2	4	4	4		4	4	4	4	4
No. through traffic lanes	2	4	2	4	2	2	4	4	4	4	4	4	4	4	4.
Finance code	23	22	23	23	22	22	22	22	22	23	23	23	23	23	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OF STRUCTU	RES					1
Item No. from						1			1			1			
Table C															
7. R.R. grade separations Co	st -	_	-	_	_	-	_	_	-	724	_	_	110	_	_
No. for which costs estimated	_	_	_	_	_	_	_	_	_	3	_		7	_	-
No. in service - cost = zero	_	_	_	_	_	_	_	_	1		_	_			-
No. in authorized status - cost = zer	0 _	_	_	_	_	_	_	1		_	_	_		_	_
8. Highway grade separations without														_	_
ramps Co	st _	_	_	_	_	_	_		_	150	70	106	96	_	_
No. for which costs estimated	_	_	_	_	_	_	_		_	2	1	1	7	_	-
No. in service - cost = zero					_	_				~			J.		_
No. in authorized status - cost = zer	0 -	_	_	_	_	_	_	_		_	_	_		_	-
													_		_
9. Interchanges, complete Co	st _	207	1.69	259	1.57	_	_	_	483	698	_	248	_	_	205
No. for which costs estimated		7	1	1	1		<u> </u>	 	2	3					
No. in service - cost = zero	-	1	١.	J-		-	_	_			_	1.	_	_].
No. in authorized status - cost = zer		_	-	_	_	-	_	- 1	_	_	_	-	_	-	-
211 62011012266 508565 - 6036 - 261	_	_	-	-	_	_	_	J.	_	_	_	_	-	_	_
10. Other bridges: tunnels Co	st _	_	_												
No. for which costs estimated				-	-	-	-	-	-				-		-
No. in service - cost = zero	_	_	_	-	_	-	_	-	-	-	-	_	_	_	
No. in authorized status - cost = zer	_	-	_	_	_	_	_	_	_	_	-	_	_	_	_
Ili adollo 112eu ocacus = cost = zer	0 -	_	_	_	_	_	_		_	-	_	-	_		-
Total structures Co	st –	207	169	259	1.57	-	_	_	483	1572	70	354	206		205
No. for which costs estimated	_	٦	٦	7	1	_	_		2	8	1	2	2	_	1
No. in service - cost = zero	_				J.		_	_	1	_					1 -
No. in authorized status - cost = zer	0 -	_	_		_	_	_	2	-	_	_		_		_
201			_	_		_	_	2	_	_	_	_	_		
					\$	1		1	1						4

Sheet 3 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number	102	102	102	102	102	102	1.02	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G22.3-G22.	4G22.4-G23	G23-G24	G24-G25	G25-G26.1	G26.1-G26.2	G26.2-G27	G27-G28.1	G28,1-G28.2	G28.2-G28.3	G28.3-G29	G29-G30	G30-G31.	G31.1-G31	2G31.2-G32
Section length, miles (0.1 mile)	6.0	9.9	5.4	7.1	8.6	4.5	0.3	2,2	0.4	0.2	1.2	5.9	2.3	7.4	1.5
Class: Rural or Urban	R	R	R	R	R	R	R	R	U	Ų	U	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	E	E	E	E	N	N	M	N	N	E	E
No. Lanes to be constructed this esti	mate 4	4	2	4	2	2	2	<i>L</i> ;	4	4	4	4	4	4	2
No. through traffic lanes	4	4	2	1	2	2	2	4	4	2:	4	1.	4	4	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	23	23	22	22
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
Item No. from Table C									1						
	Cost -		_	-	-	87	_	-	_	-	_	_	_	_	_
No. for which costs estimated	-	_	-	_	-	j.	_	-	-	-	_	-	-	-	-
No. in service - cost = zero	-	-	_	-	-	-	_	-	-	-	-	_	_	_	-
No. in authorized status - cost = z 8. Highway grade separations without	ero -	_	-	_	-	_	_	-	-	1	-	-	-	_	-
	Cost -	129	62	-	62	-	-	_	-		60	103	_	-	-
No. for which costs estimated	_	1	1	_].	-	-	_	_	_	1		_	_	_
No. in service - cost = zero	-	-	-	_	-	-	-	_	_	-	_	_	_	_	_
No. in authorized status - cost = z	ero -	-	_	-	-	-	_	_		-	_	_	_	when	_
	Cost -	-	158	205	158	158	_	361	-	-	182	165	_	252	_
No. for which costs estimated	_	-	1	1	1	1	_	1	-	-	1	1	-		-
No. in service - cost = zero	_	-	_	_	_	_	_	-	-	-	-	_	-		-
No. in authorized status - cost = z	ero _	_	-	-	-	-	_	_	-	-	-	-	-	_	-
	Cost _	123	53	_	25	_	_		_	-	-	58	43	_	
No. for which costs estimated	-	1	1	-	1	-	-	_	-	_	_	2	1	-	_
No. in service - cost = zero	-	-	_	_	-	-	-	_	_	-	-	_		Amm	_
No. in authorized status - cost = z	ero -	-	-	-	-	-	-	~	-	-	-	-	_	-	-
_	Cost -	252	273	. 205	245	245	-	361	-	_	242	326	43	252	_
No. for which costs estimated	_	2	3	1	3	2	_	1	-	-	2	4	1	1	_
No. in service - cost = zero	-	-		_	_	_	_	_	_	-	_		_	-	-
No. in authorized status - cost = z	ero _	_	-	-	-	-	_	-	-	1	_		-	-	der

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

STATE MONTANA															
	102	102	1.02	1.02	102	102	102	102	1.02	102	1.02	1.02	102	102	102
Old Interstate route number	102	1	1	1	1	1	1	1]	1	1.	1	1.	1.	1
Route identification (Code 1 or 2)	G32-H1	H1 -I12	H2-H3	H3 -H4	114-H5	Н5-Н6	H6-H7.1	H7.1-H7.2	H7.2-H8	118-119.1	H9.1-H9.2	H9.2-H10	H1.0-H1.1.	H11-H12	H12-H13
Section	6.0	8.3	6.0	3.8	3.6	4.8	2.4	1.5	2.5	5.0	7 7	4.0	2.9	5.4	2.6
Section length, miles (0.1 mile)	R	R	R	R	R	R	R	T)	R	R	R	R	R	R	R
Class: Rural or Urban	1£	M	71	IJ	F	E	i!	T	T.	[7]	I.I	N.	3.7	11	E
Location: Existing, new, or toll	2	11	17	2	. Eq.	j	1	2	2	2	2	2	1,	2	7.
No. Lanes to be constructed this estimate	2		6:	2	1.	1	4	2	2	2	2	2	4.	2	4
No. through traffic lanes	2	00	23	23	22	22	23	22	22	23	23	23	23	2)	22
Finance code	22	23	43	(2)				AND NUMBER			(2)	47	47	47	6-1-
WORK CLASSIFICATION					ENTINATED	00515 (1,00	O DOLLARS)	AND NORDER	or Sinucio						
Item No. from															
Table C				pt pr			107								
7. R.R. grade separations Cost	_	523	_	85	_	-	194	-	-		-	-	_		_
No. for which costs estimated	_	1	- 1].	-	-	Ĺ		-	-	-	-	-	~-	-
No. in service - cost = zero	-	-	-	-	-	-	-	-	-	-		_	_	_	-
No. in authorized status - cost = zero	_	_	-	-	_	-	-	- :	-	-		_	_	-	-
8. Highway grade separations without						}									
ramps Cost	-		54	70	-	1.08	-			42					-
No. for which costs estimated	_	_	1	1	_	1	-		_	1	~	-	_	-	-
No. in service - cost = zero	-	_	-	-	_	-	-	-	-	_	_	-	_	_	-
No. in authorized status - cost = zero	_	_	_	-	_	_	-	_	_	_	-		-	_	-
1107 211 2411111											ı				
9. Interchanges, complete Cost	166	402	_	268	252	252	-	1.98	126	134	14,2	_	_	-	-
No. for which costs estimated	1	7	_	7	1	1	-	1.	1	1	1	_	-	_	-
No. in service - cost = zero	_	_	_	_	_		-	_	_	-		_	_	anton	-
No. in authorized status - cost = zero	_		_	_		_	_	_	_	-	_	_	_	-	-
NO. III dubio I I Da Dada Da															
10. Other bridges: tunnels Cost	_	549	_	437	_	_	709	44	_	-	_	_	_	_	-
No. for which costs estimated	_	3	_	3	_	_	1	7	_	_	-	-	-	_	-
No. in service - cost = zero	_		_		_	_		_	_	_	_	_	1	_	
No. in authorized status - cost = zero	_	_		_	_	_	_		_	_	_	-	_	_	-
NO. III auditolized boatdo - cost - acio															
Total structures Cost	1.66	1474	54	910	252	360	903	242	126	176	142	_	_	-	_
	1	5	1.	5	1	2	2	2	1	2	1	_	_	_	-
No. for which costs estimated								2				_	7	-	_
No. in service - cost = zero	_	-	-	_	_	_	_	_	_	_		_	_	_	_
No. in authorized status - cost = zero	-	-	_	_	_	_	-	_	_	_					
						1		1		ł.					

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

			-		,		·								
Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	1.02	102	102
Route identification (Code 1 or 2)	11	1 1	1	1	1	1	1	1	1	1	11	1	1	1	1
Section	H13-H14	H14-H15	H15-H16	н16-н17	H17-H18	H18-H19	H19-H20	H20-H21.1	H21.1-H21.2	H21.2-H22	H22-H23.1	H23.1-H23.2	H23.2-H24	H24-H25	H25-I1
Section length, miles (0.1 mile)	4.3	1.5	0.7	1.2	1.7	1.4	6.9	10.1	7.0	8.8	2.7	2.3	1.0	2.8	13.1
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	N	N	N	N	N	N	E	E	E	E	E	E	E	N
No. Lanes to be constructed this estimate	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
No. through traffic lanes	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
Finance code	22	23	23	23	23	23	23	22	22	22	22	22	22	22	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
Item No. from						I	1	1	I	I	I	1			
Table C	ļ		:												
7. R.R. grade separations Cost	. _	_	-	_	274	-		_	_	_	_	_	_		129
No. for which costs estimated	_	-	-	_	1	-	_		_	_		_	_	-	1
No. in service - cost = zero	_	-	_	_	_	_	_	_	_	_	_	_	_	_	_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_		_
8. Highway grade separations without												-			_
ramps Cost		_	90	108	108	_	_	135	_	_	_		_	_	43
No. for which costs estimated	_	_	1	1	1	_	_	2		_	_	_	<u> </u>		1
No. in service - cost = zero	_				Т.		_			_	_		_	_	
No. in authorized status - cost = zero			_	_		1	1			_	_	_	-	_	_
		_	_	_	_	1	_	i -	_	_	_	_	_		_
9. Interchanges, complete Cost	166	110	257	205	138	_	_	170	163	363	_	_	_	_	503
No. for which costs estimated	1					 			-						
No. in service - cost = zero	Τ	1	1	1	-	_	-	1	1	2	-	_	-	-	3
No. in authorized status - cost = zero	_	-	-	_	-	-	-	_	_	-	-	-	-	_	-
10. In additioning Status - Cost - Zere	_	_	~	-	-		2	-	-	-	-	-	_	-	-
10. Other bridges: tunnels Cost				51/											
No. for which costs estimated		-		546	_		-		-	-	126		_	_	-
No. in service - cost = zero	-	-	-	1	-	-	-	-	-	-	1	-	-	_	-
No. in authorized status - cost = zero	-	_	-	-	-	-	-	-	-	_	-	-	-	_	-
no. In additionized status - cost = zero	_	-		-	-	-	-	-	-	-	-	-	-	-	_
Total structures Cost	166	220	215	dro	F20			205	2/2	0/0	7.0/				675
	1	110	347	859	520	-	-	305	163	363	126	-	-		
No. for which costs estimated	1	1	2	3	2	-	-	3	1	2	1	-	-		5
No. in service - cost = zero	_	_	-	-	-	-	_	-	-	-	_	-	-	ung.	-
No. in authorized status - cost = zero	-	-	-	-	-	1	3	-	-	-	-	-	-	_	-

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 15

Old Interstate route number 102	Total For Route 387.0
Section I1-I2 I2-I3 I3-I4 I4-I5 I5-I6.1 I6.1-I6.2 I6.2-I7 I7-I8.1 I8.1-I8.2 I8.2-I9 I9-I10 I10-I11 Rural Urban I8.2 I8.2-I9 I9-I10 I10-I11 Rural Urban I9-I10 I9-I	For Route
Section length, miles (0.1 mile)	
Class: Rural or Urban R	387.0
Location: Existing, new, or toll N	
No. Lanes to be constructed this estimate 2 4 2 4 2 2 2 2 4	
No. through traffic lanes 2 2 4 2 4 2 2 2 2 4 4 Finance code 23 23 23 22 23 22	
Finance code 23 23 23 22 22 22 22 22 22 22 22 22 22	
Finance code 23 23 22 22 22 22 22 2	$\geq \leq$
WORK CLASSIFICATION ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES	
Item No. from	
Table C	
7. R.R. grade separations Cost 123 1688 724	2412
No. for which costs estimated 1 9 3	12
No. in service - cost = zero 3	3
No. in authorized status - cost = zero - - 1 - - 1 - - 3 7	1.
8. Highway grade separations without	
ramps Cost 36 108 123 1545 318	1863
No. for which costs estimated 1 1 - 2 20 4	24
No. in service - cost = zero	_
No. in authorized status - cost = zero - - - - - - - 2 _	2
	~
9. Interchanges, complete Cost 317 - 125 316 158 213 9390 1085	10475
No. for which costs estimated 2 - 1 2 1 1 49 5	54
No. in service - cost = zero	3
No. in authorized status - cost = zero - - - - - - 5 -	5
10. Other bridges: tunnels	4298
No. for which costs estimated 2 - 1 26 1	27
No. in service - cost = zero	1
No. in authorized status - cost = zero	_
Total structures	19048
No. for which costs estimated 6 - 2 1 2 3 1 104 13	117
No. in service - cost = zero 7 7	7
No. in authorized status - cost = zero - - 2 - - 2 - - 10 1	11
10 1	11

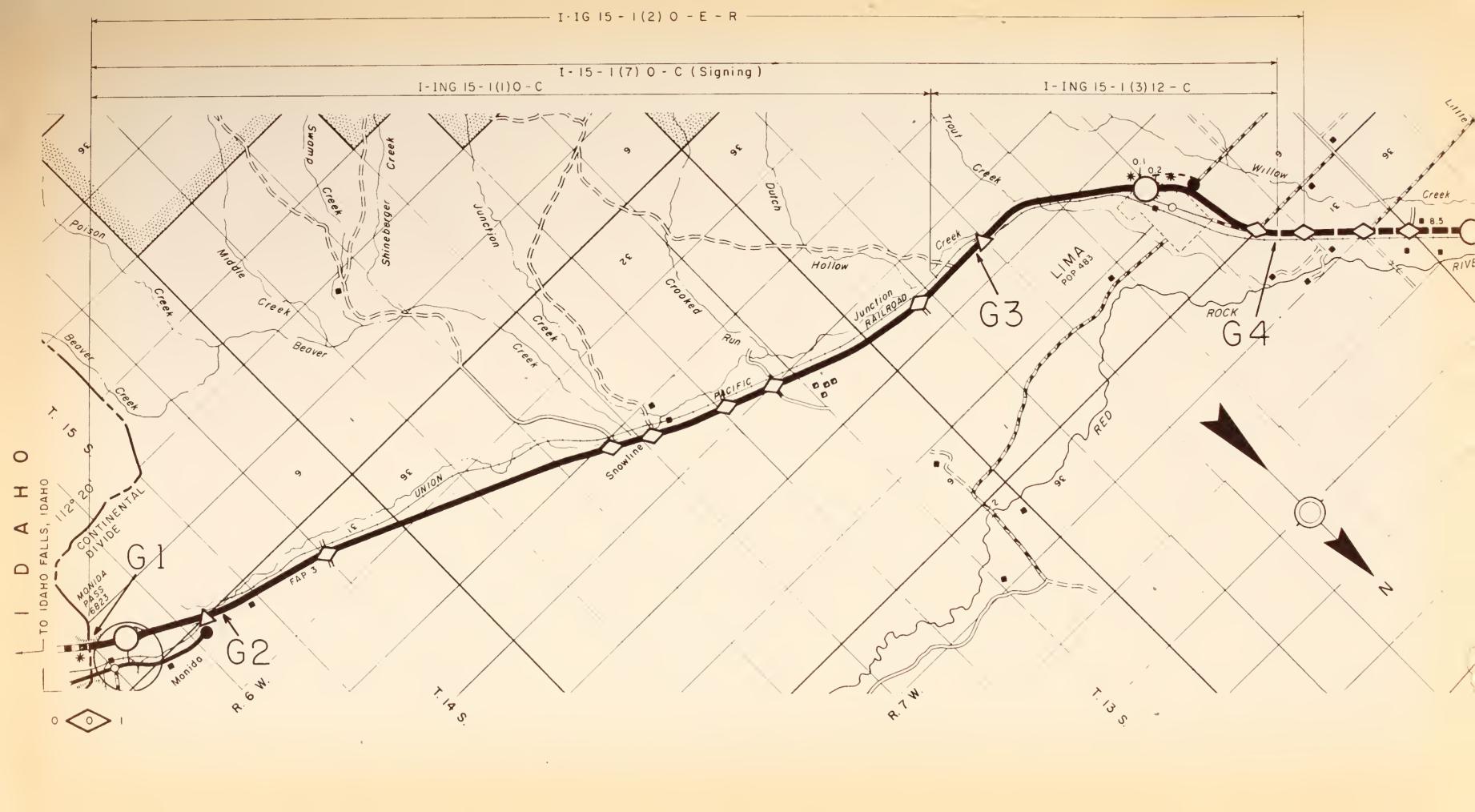
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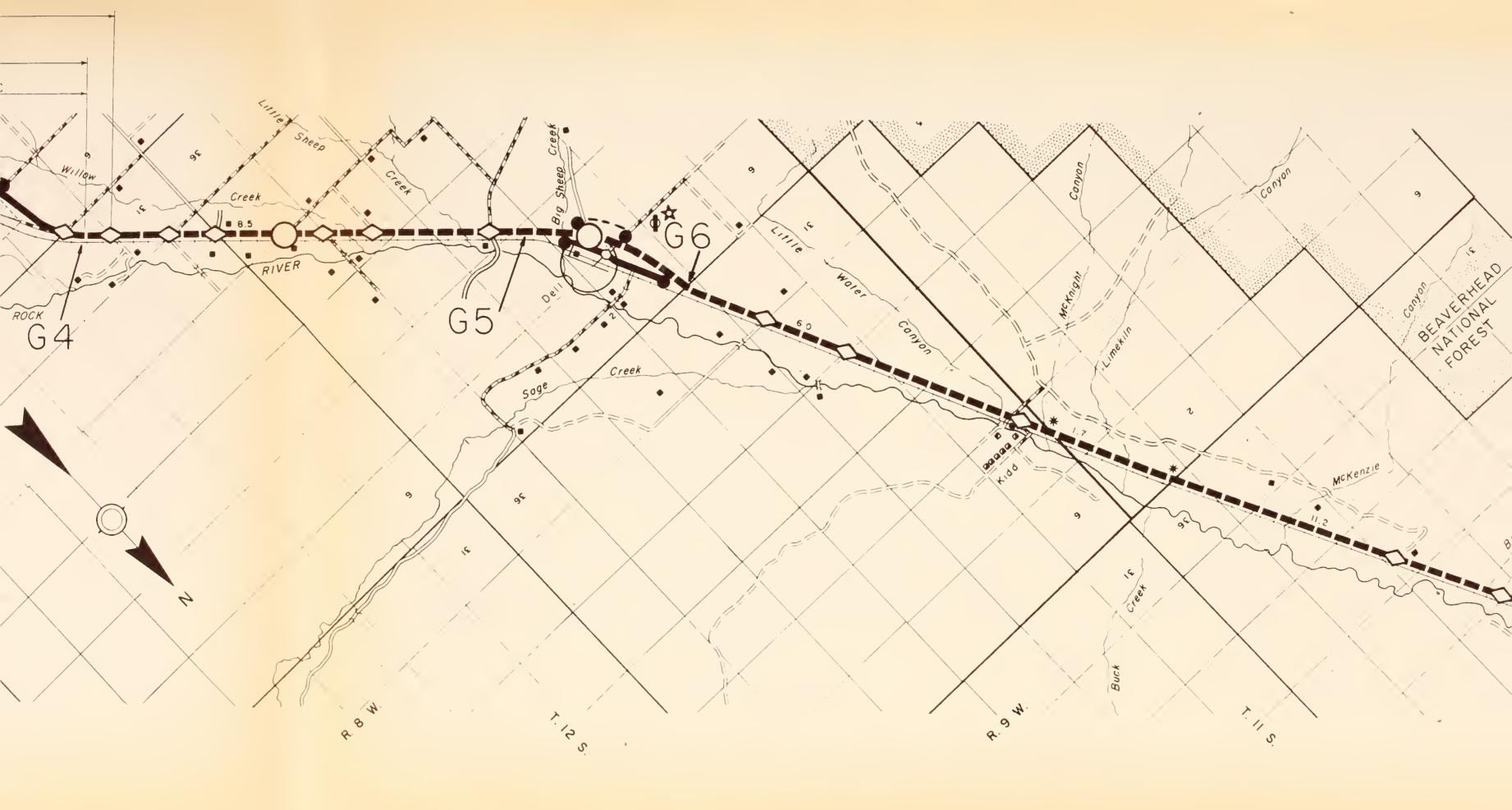
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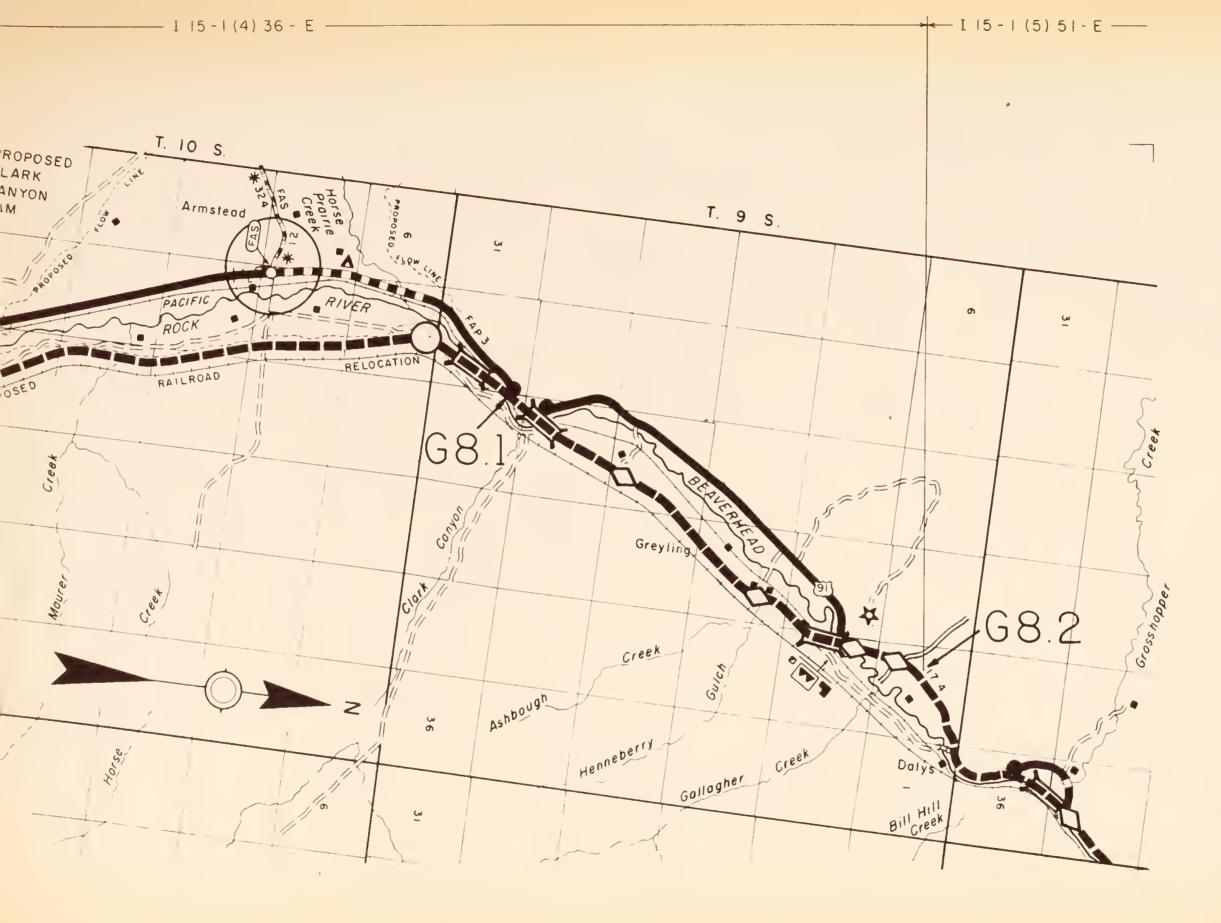
State: Name and Title

Date

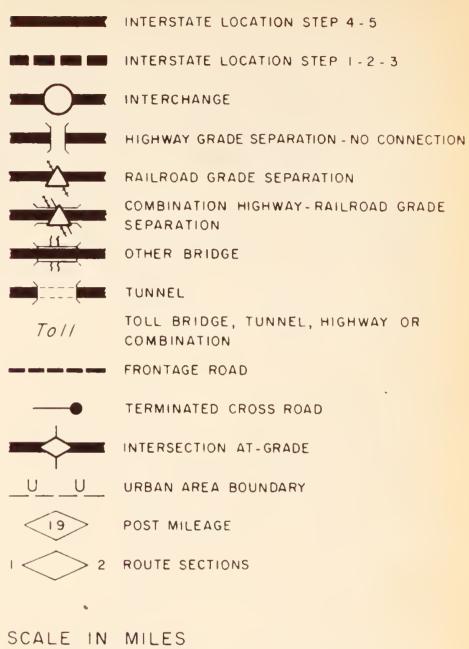
BPR Division Engineer







LEGEND FOR INTERSTATE ROUTES

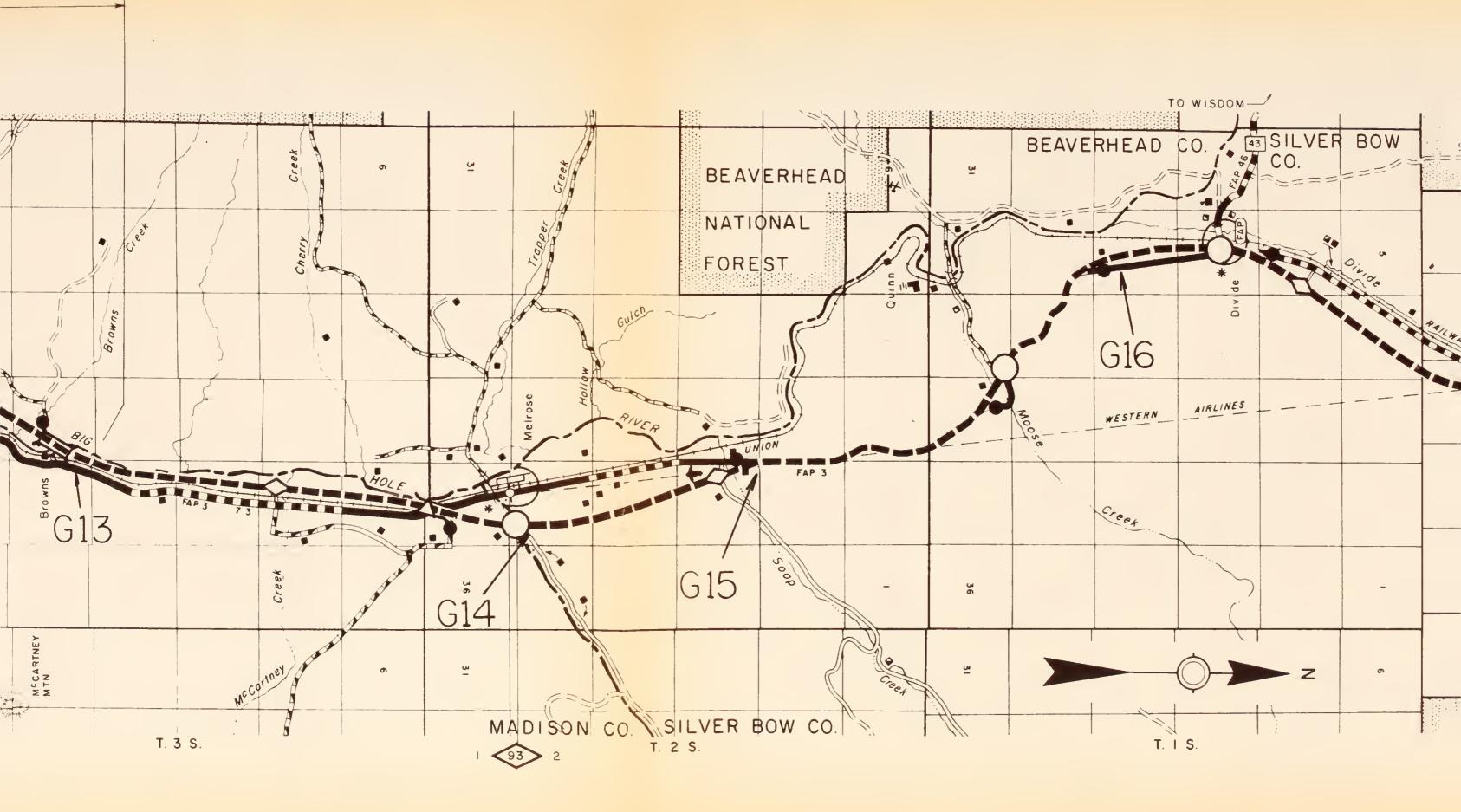


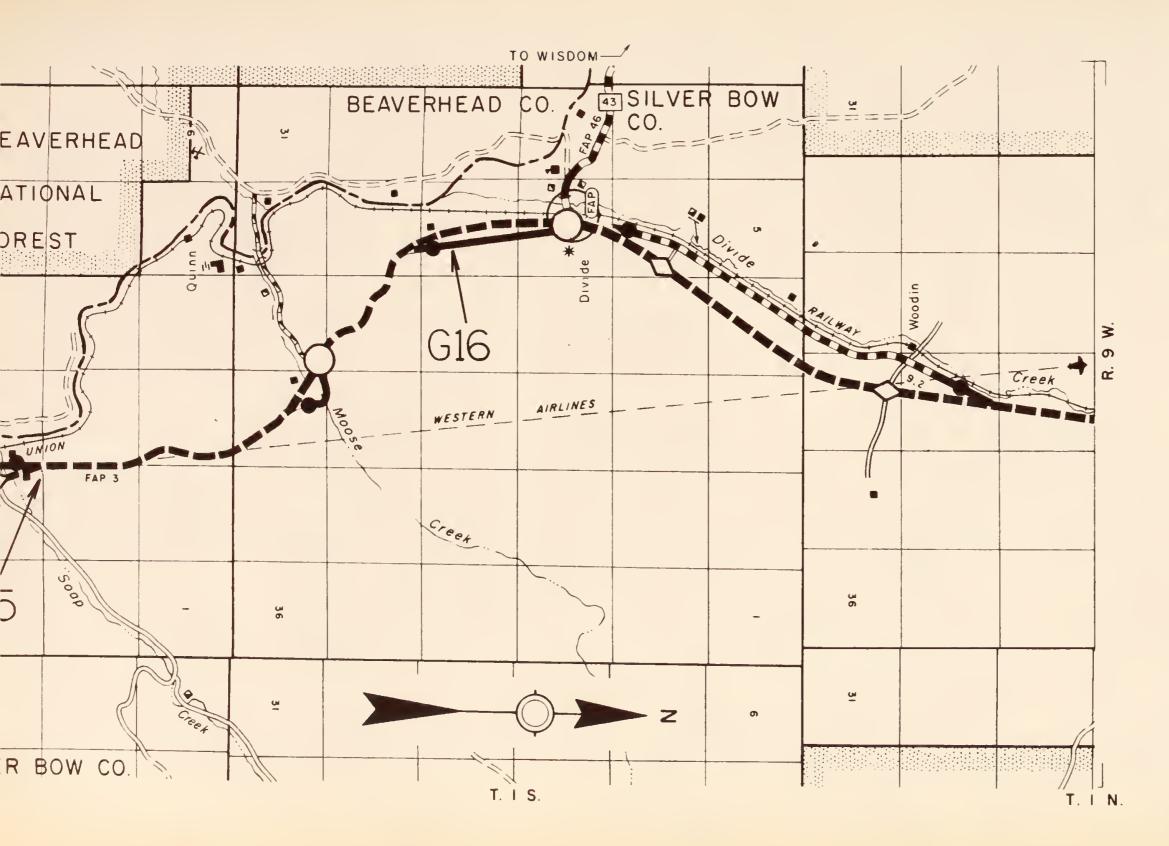
MONTANA

INTERSTATE ROUTE 15 (102)

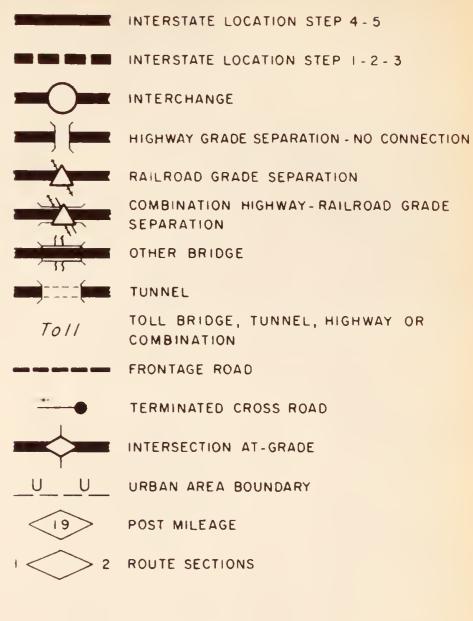
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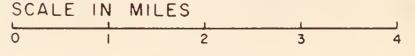
Date January 1, 1960





LEGEND FOR INTERSTATE ROUTES



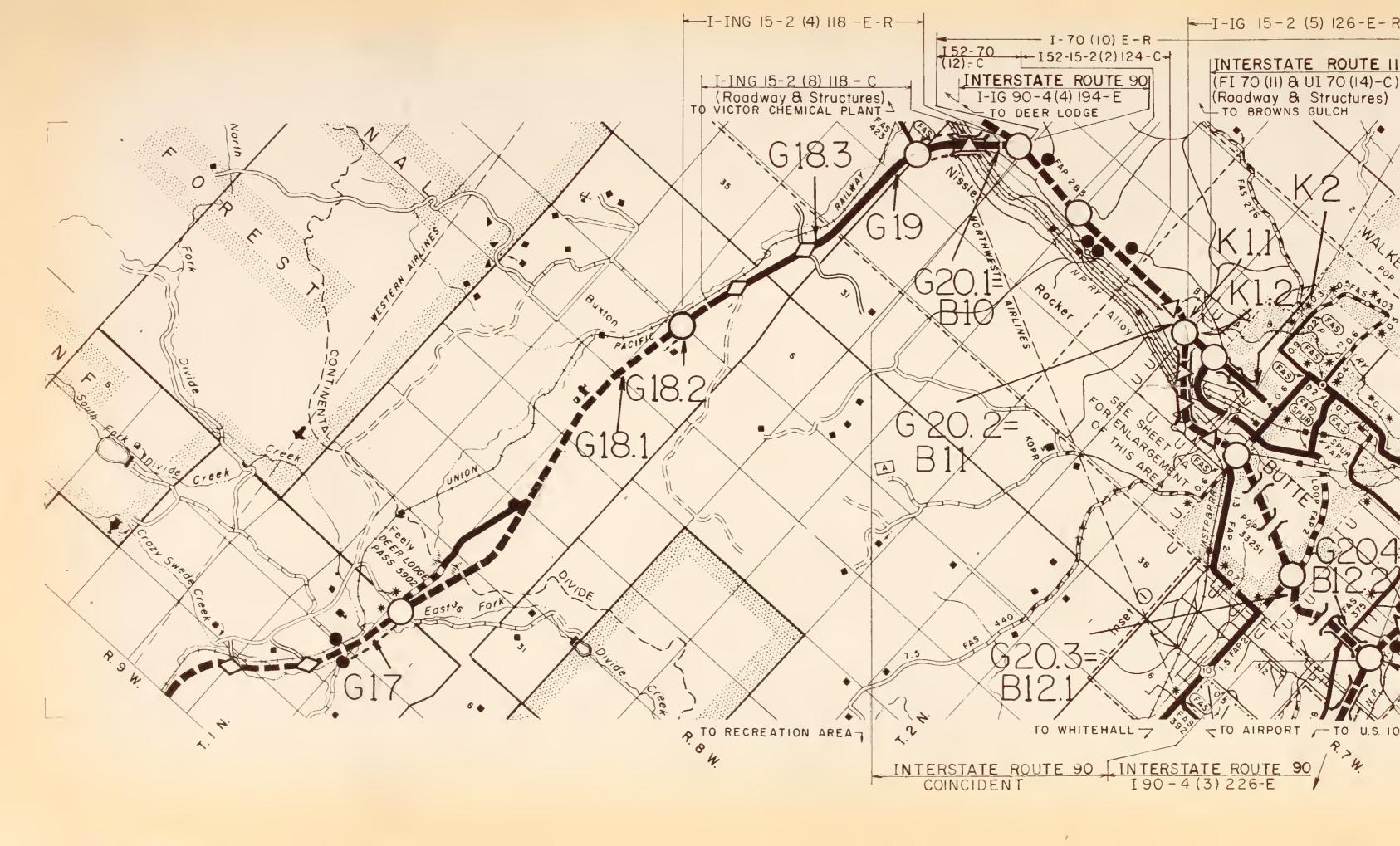


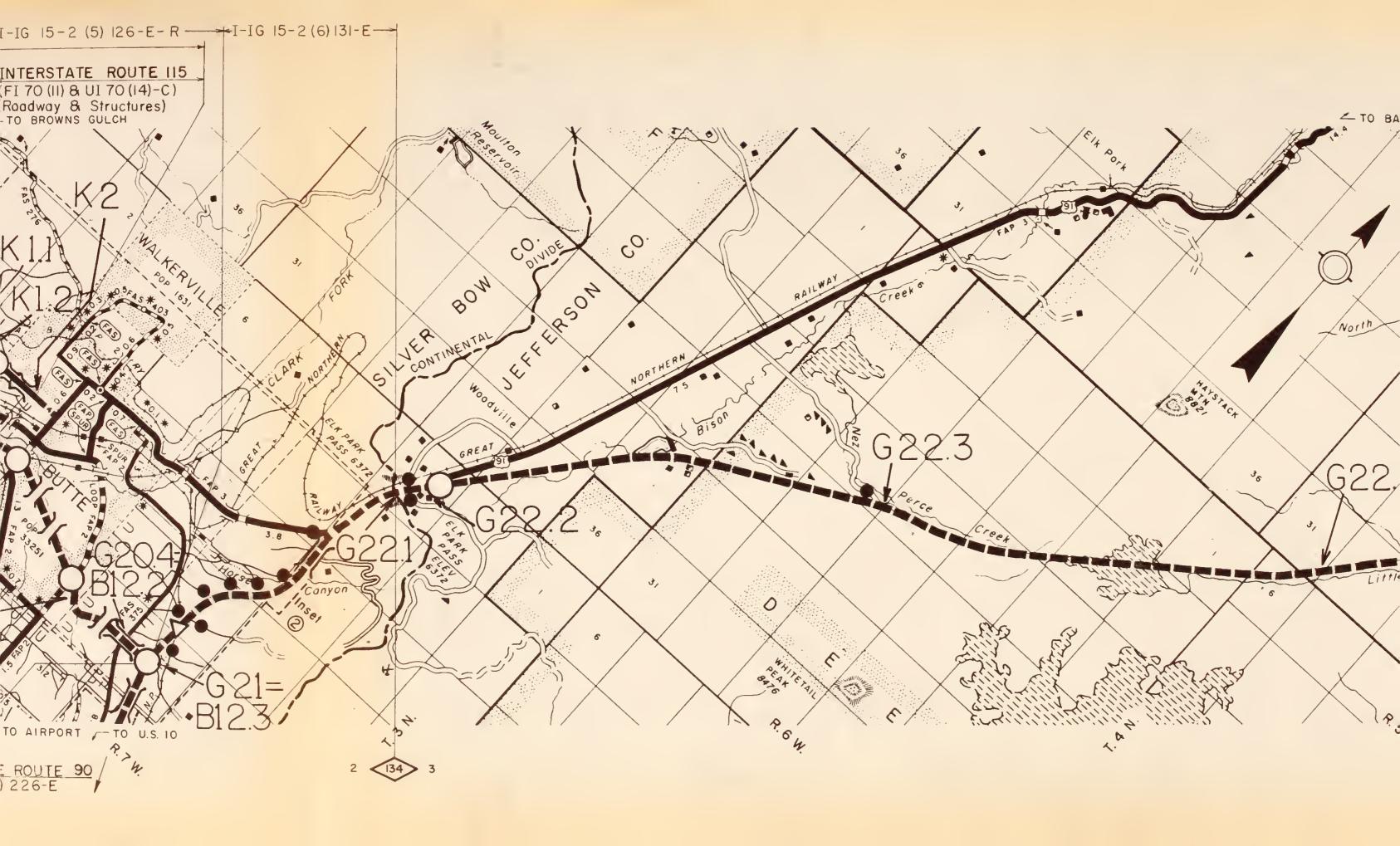
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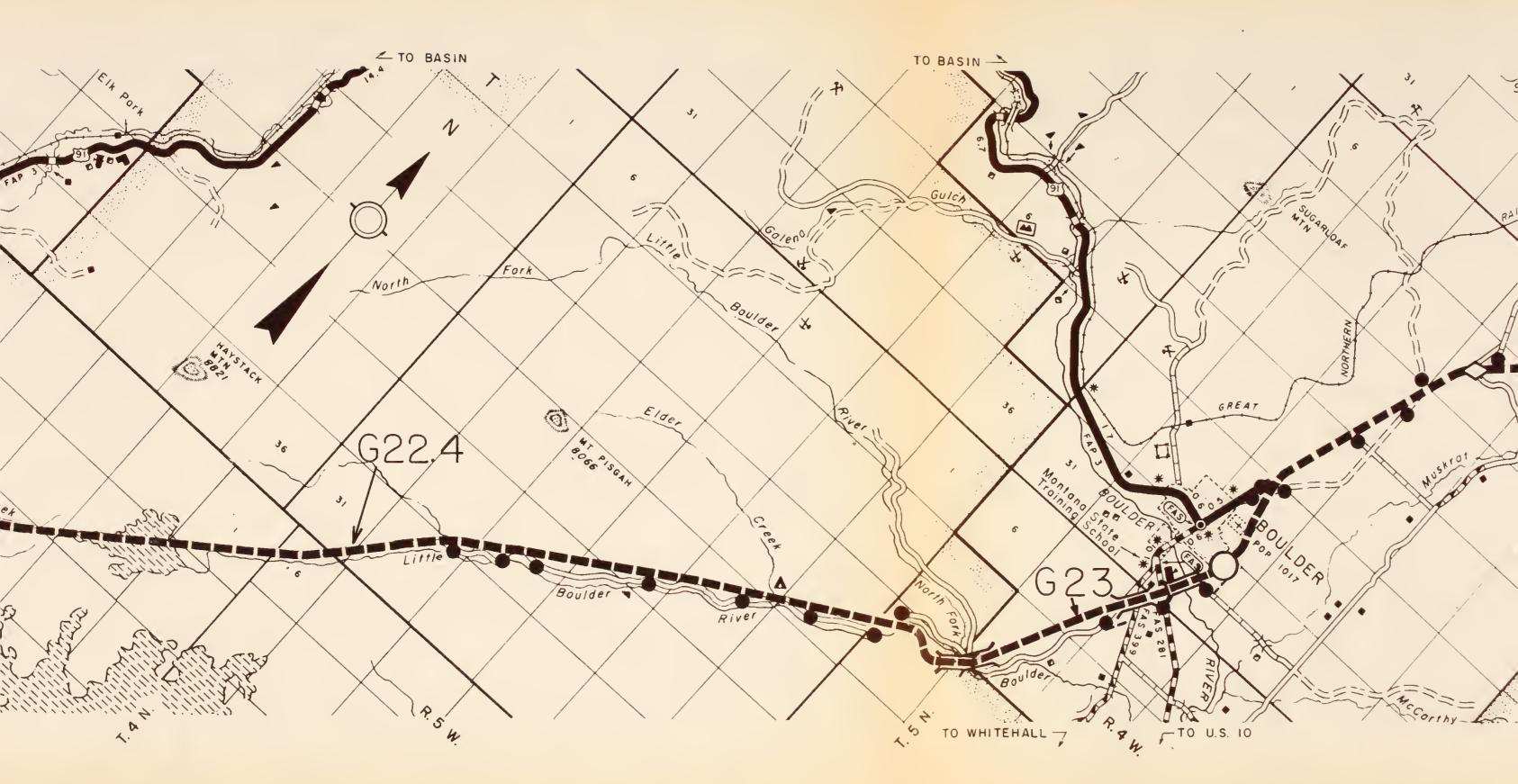
INTERSTATE ROUTE 15 (102)

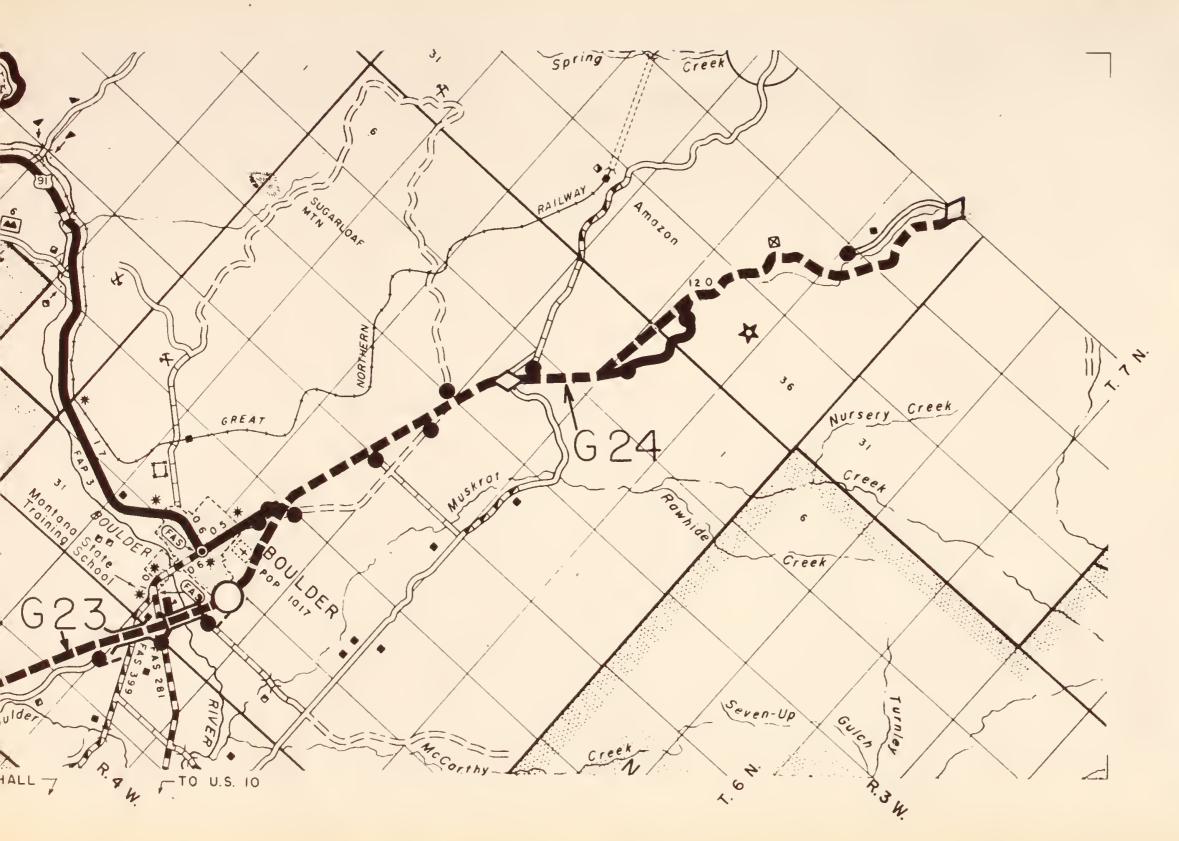
Sheet 2 of 8

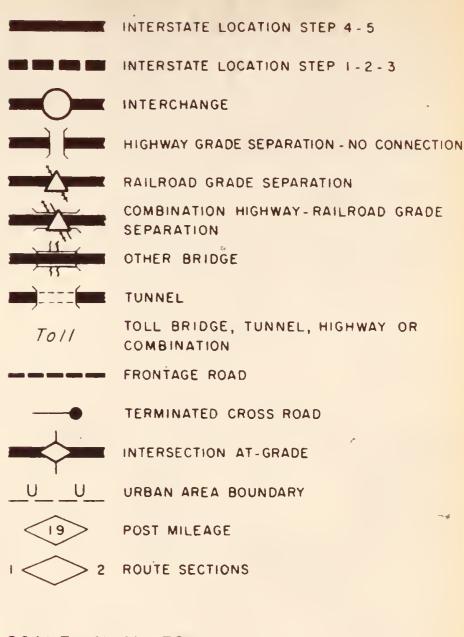
Date January I, 1960

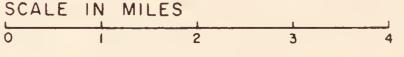






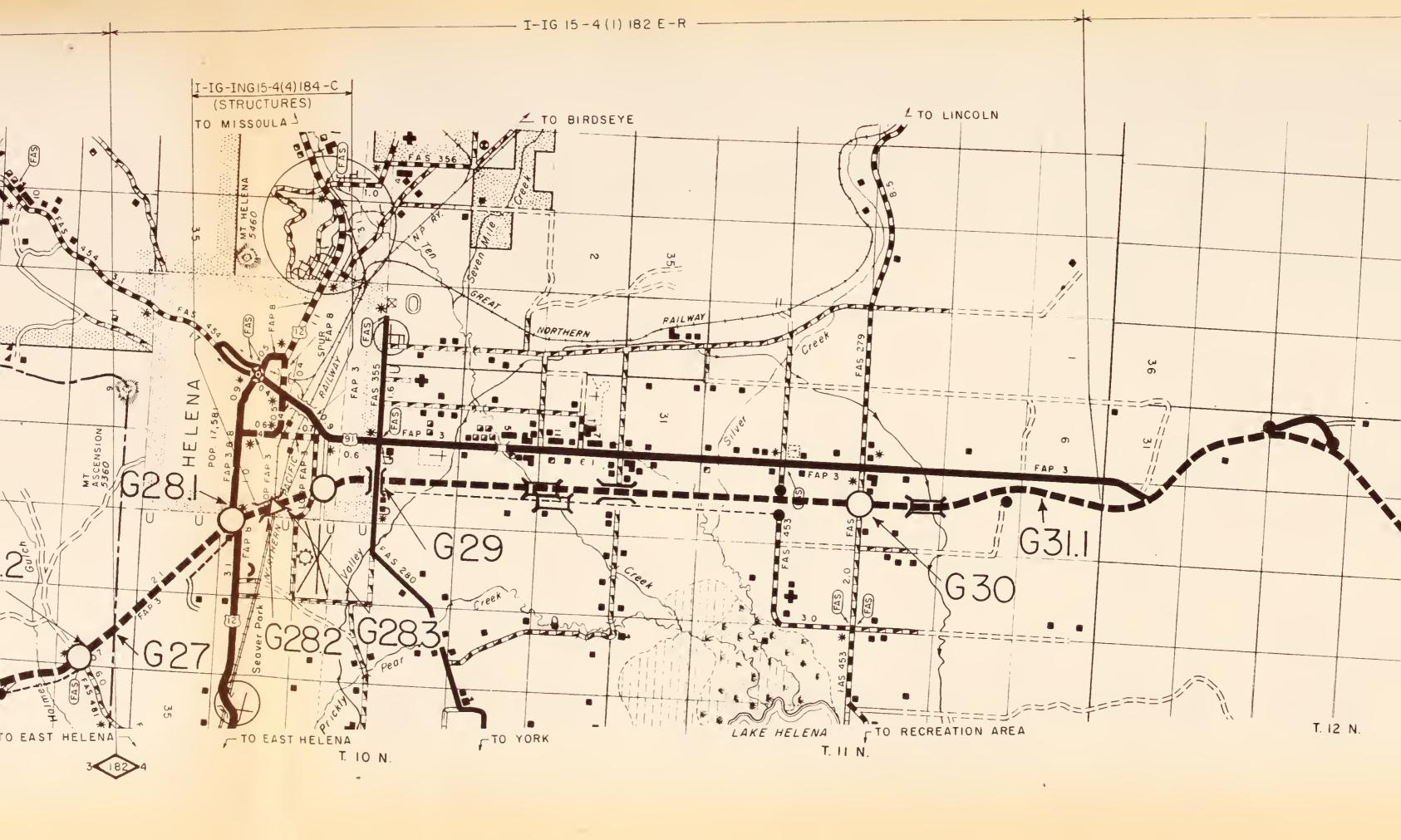


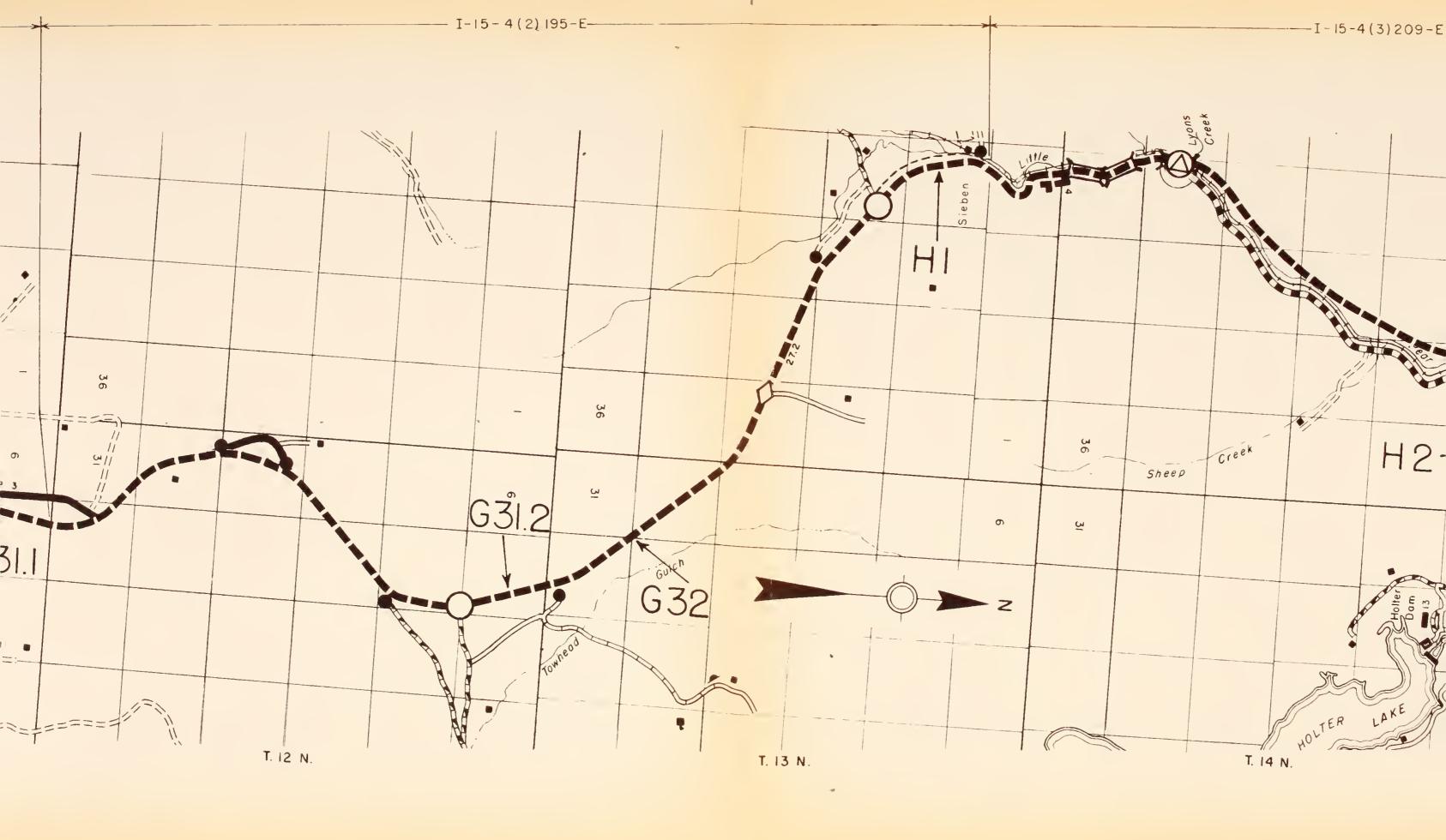


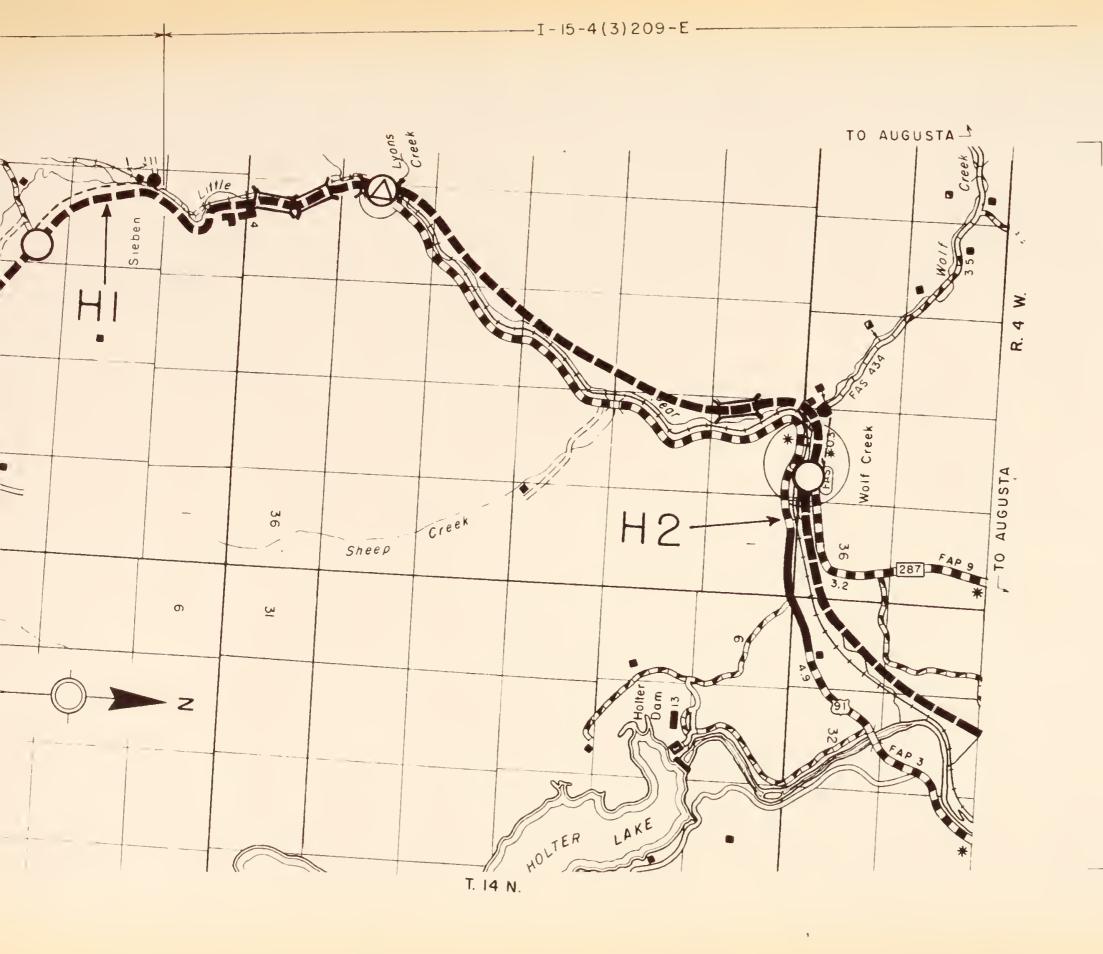


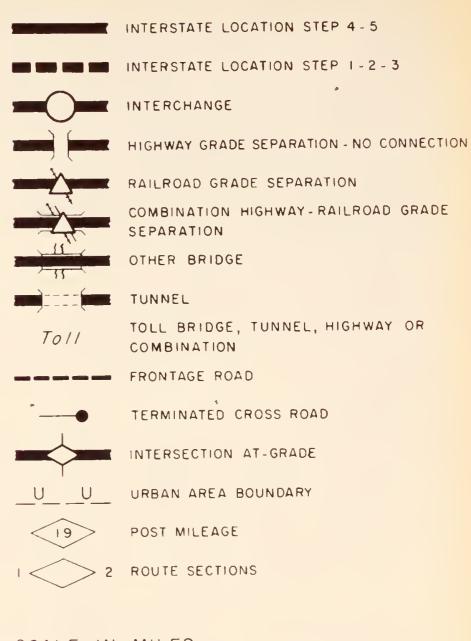
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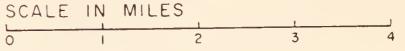
INTERSTATE ROUTE 15 (102)
Sheet 3 of 8
Date January I, 1960
INTERSTATE ROUTE 115 (104)









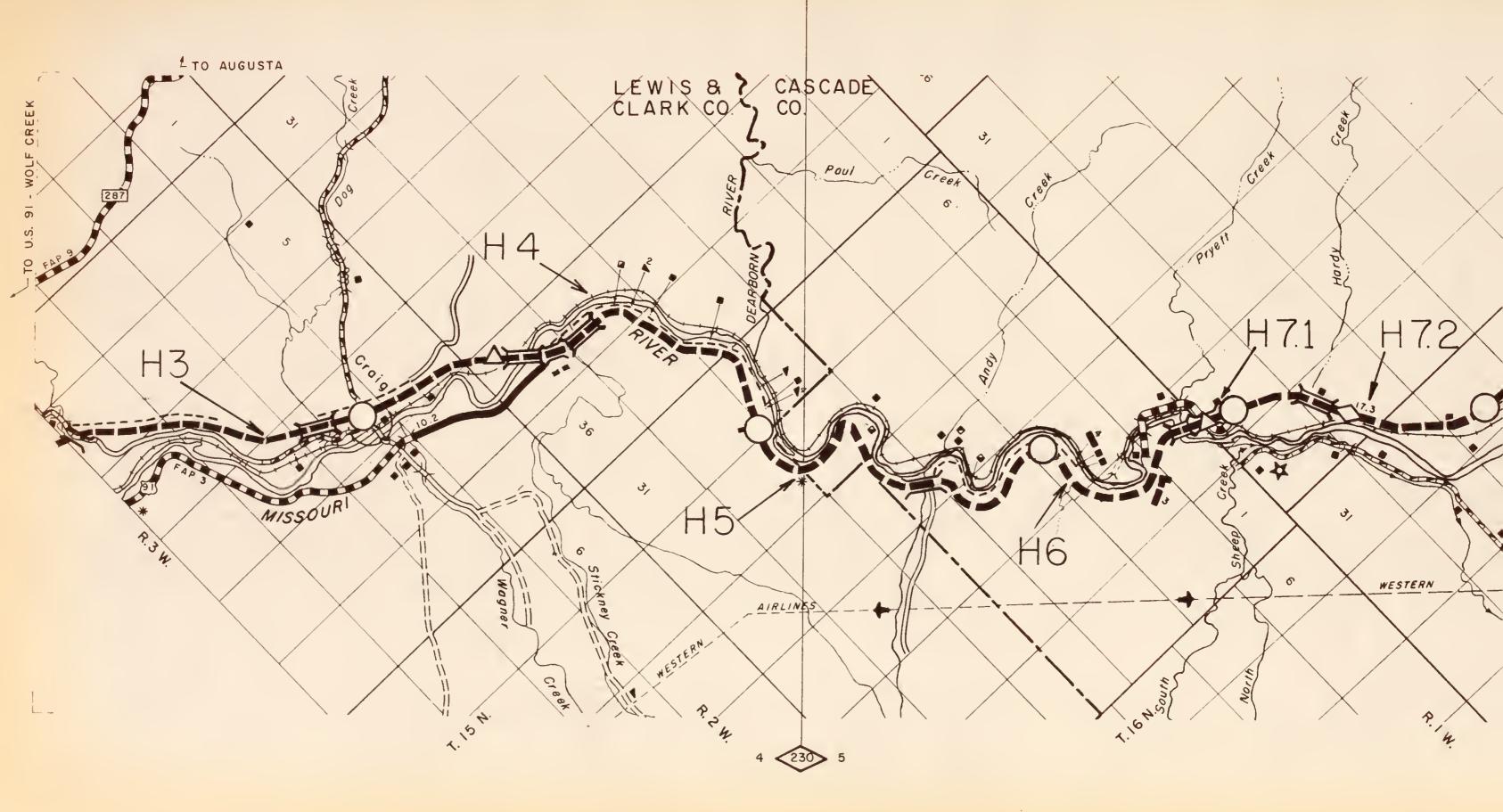


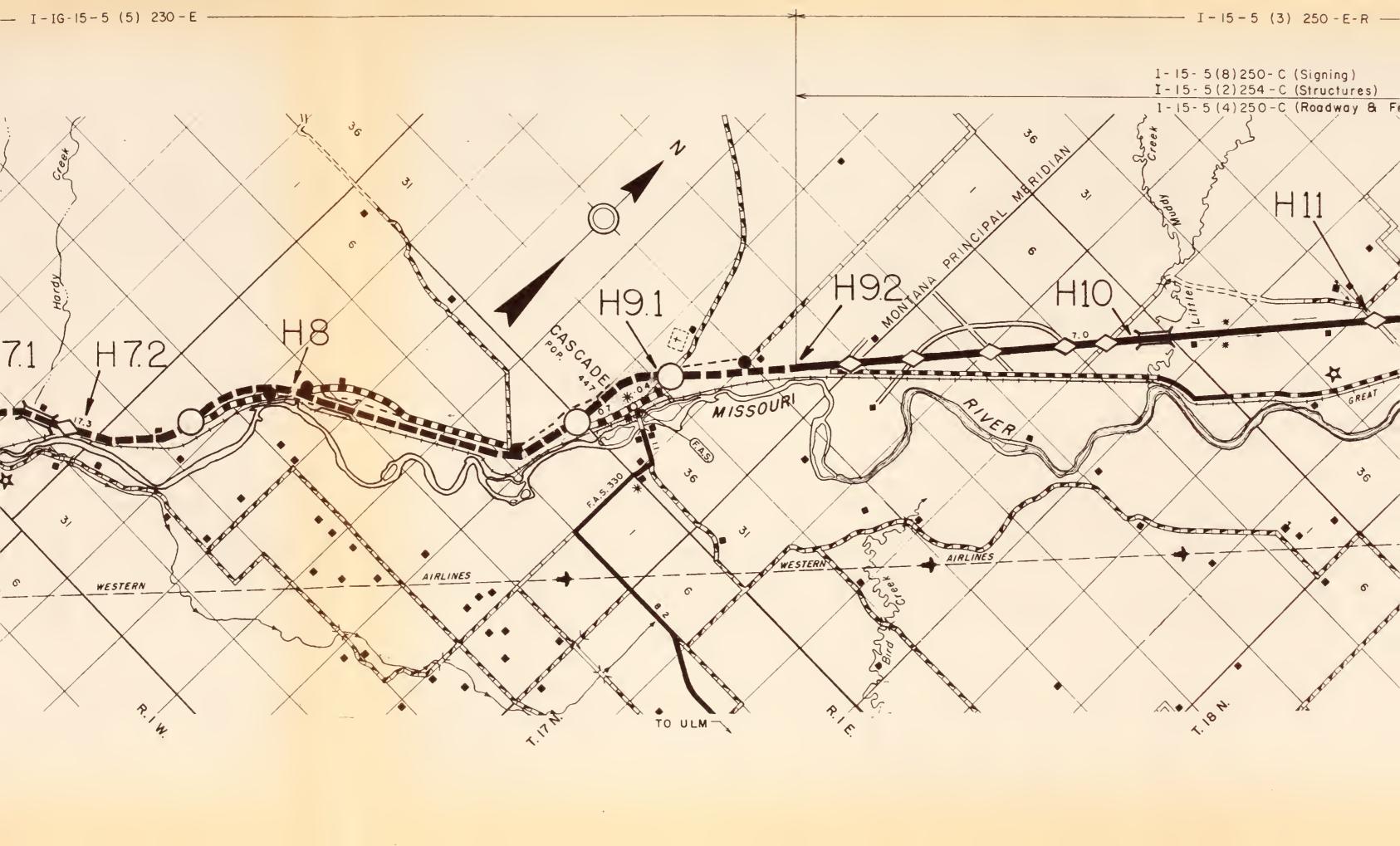
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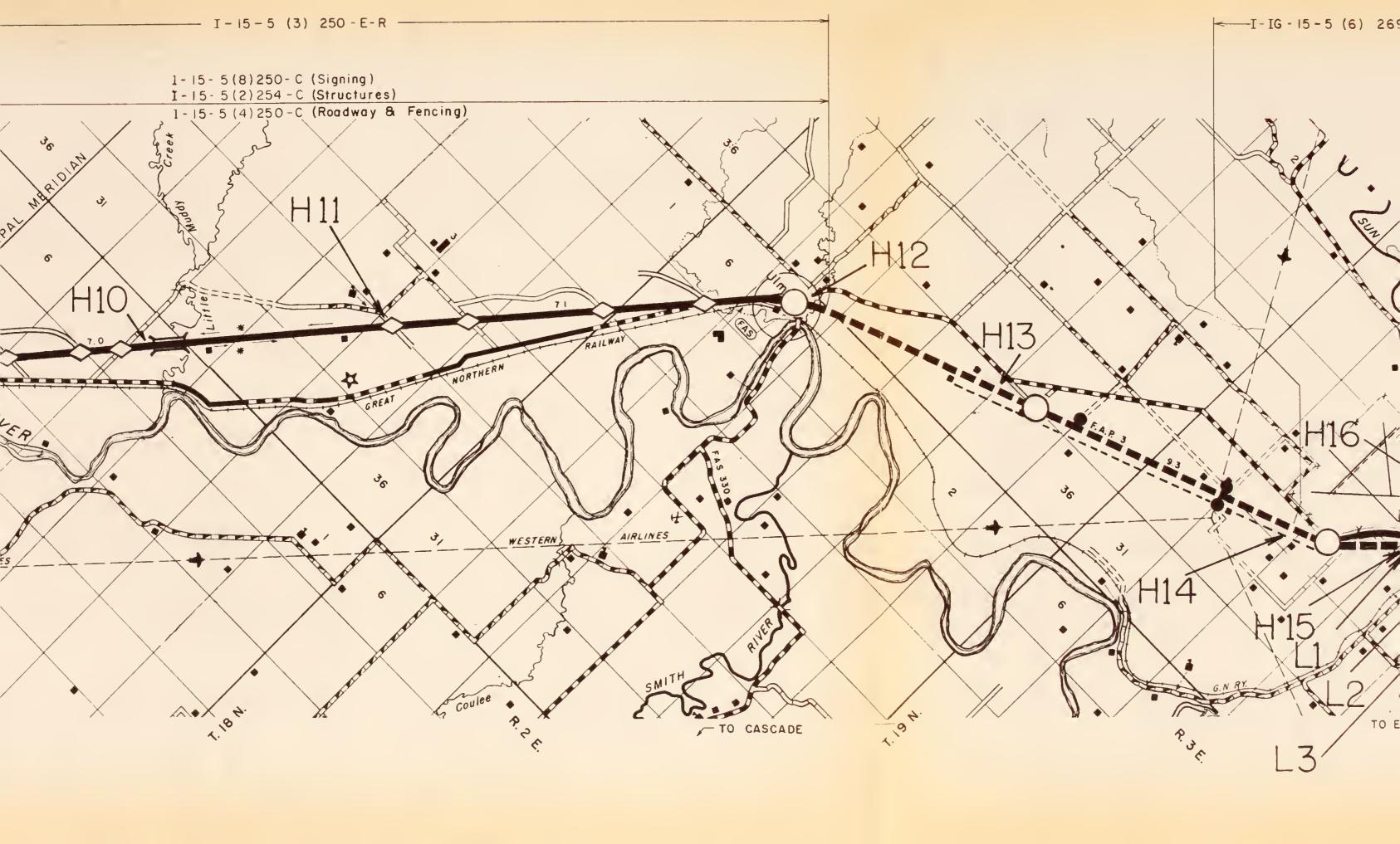
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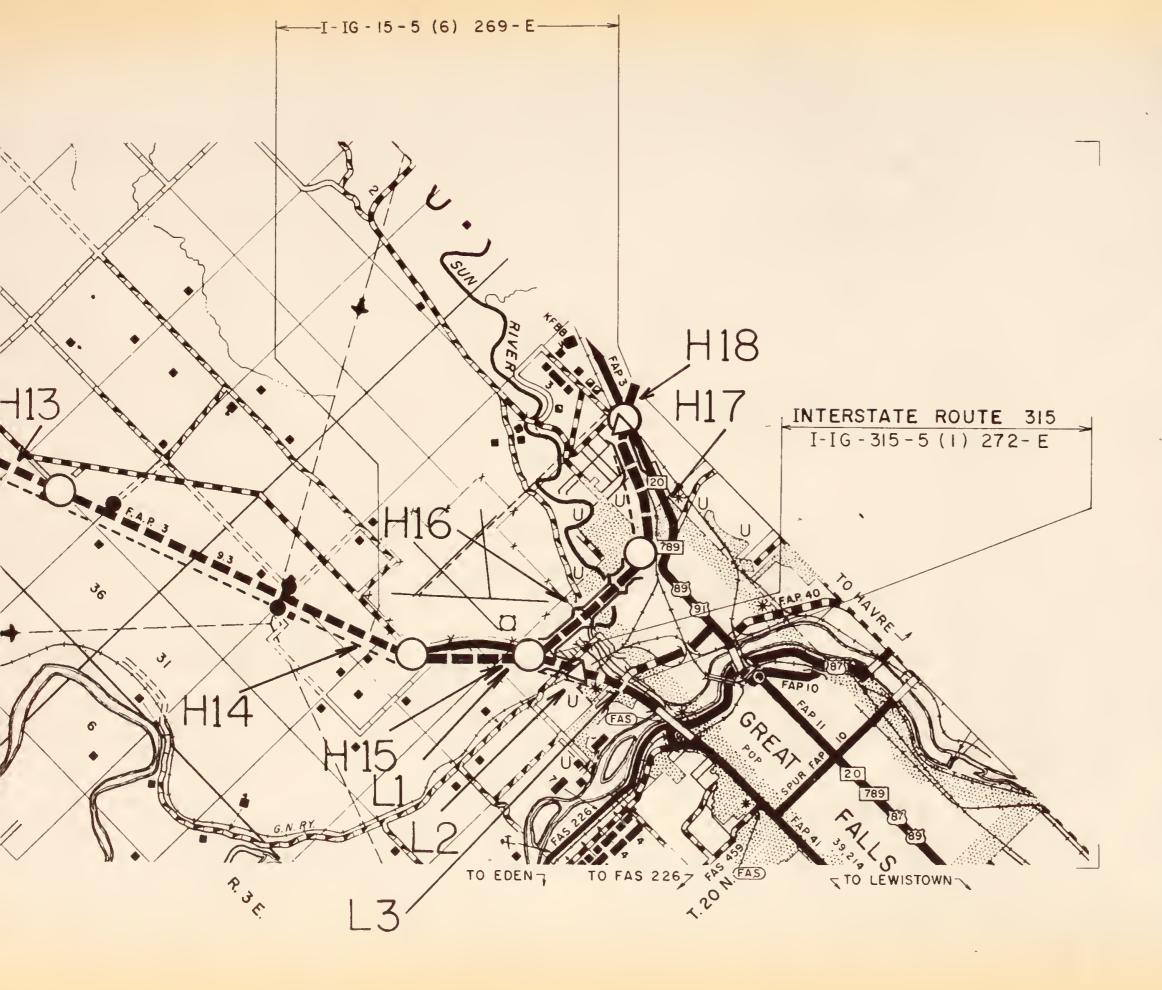
Sheet 4 of 8

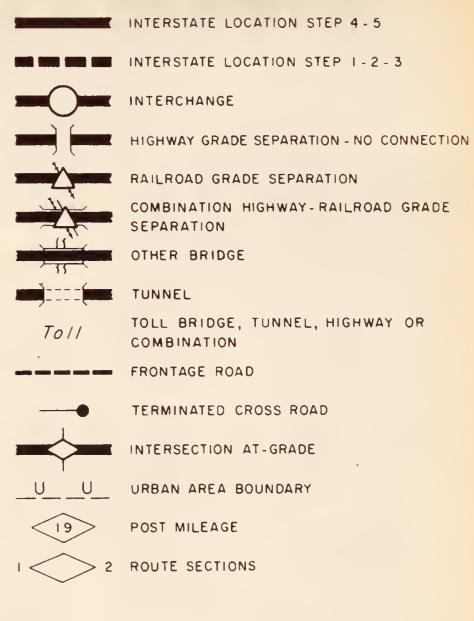
Date January 1, 1960

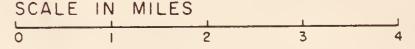






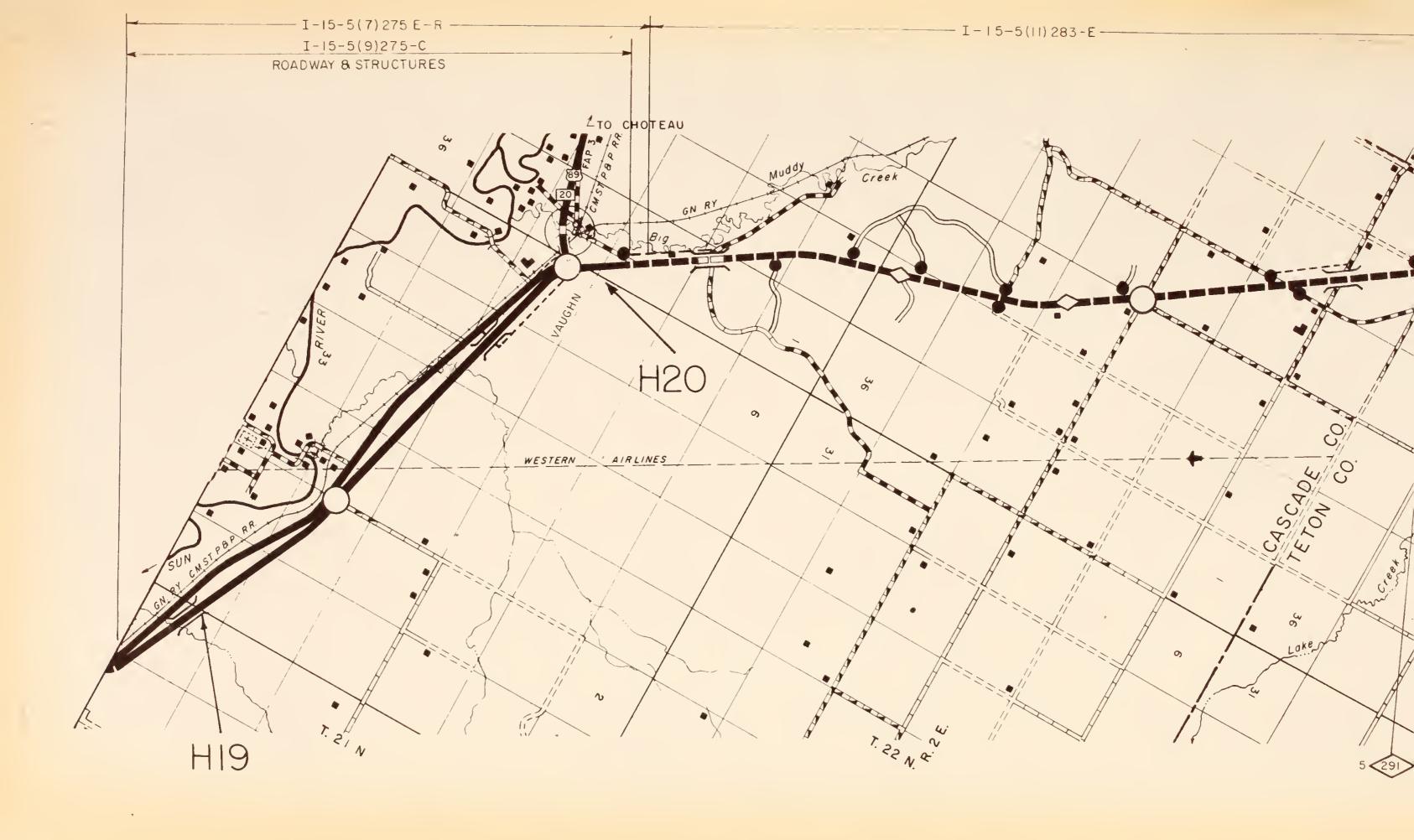


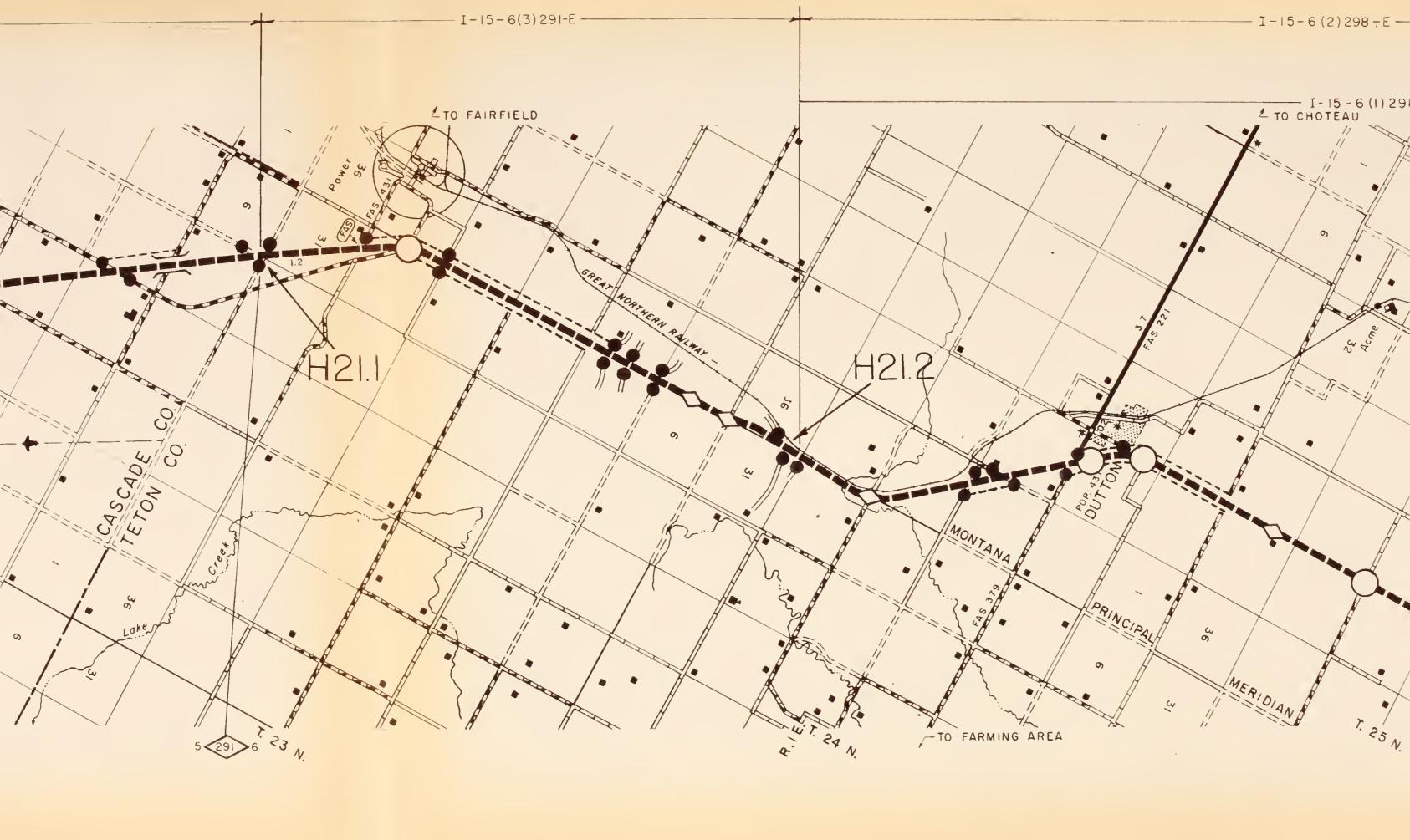


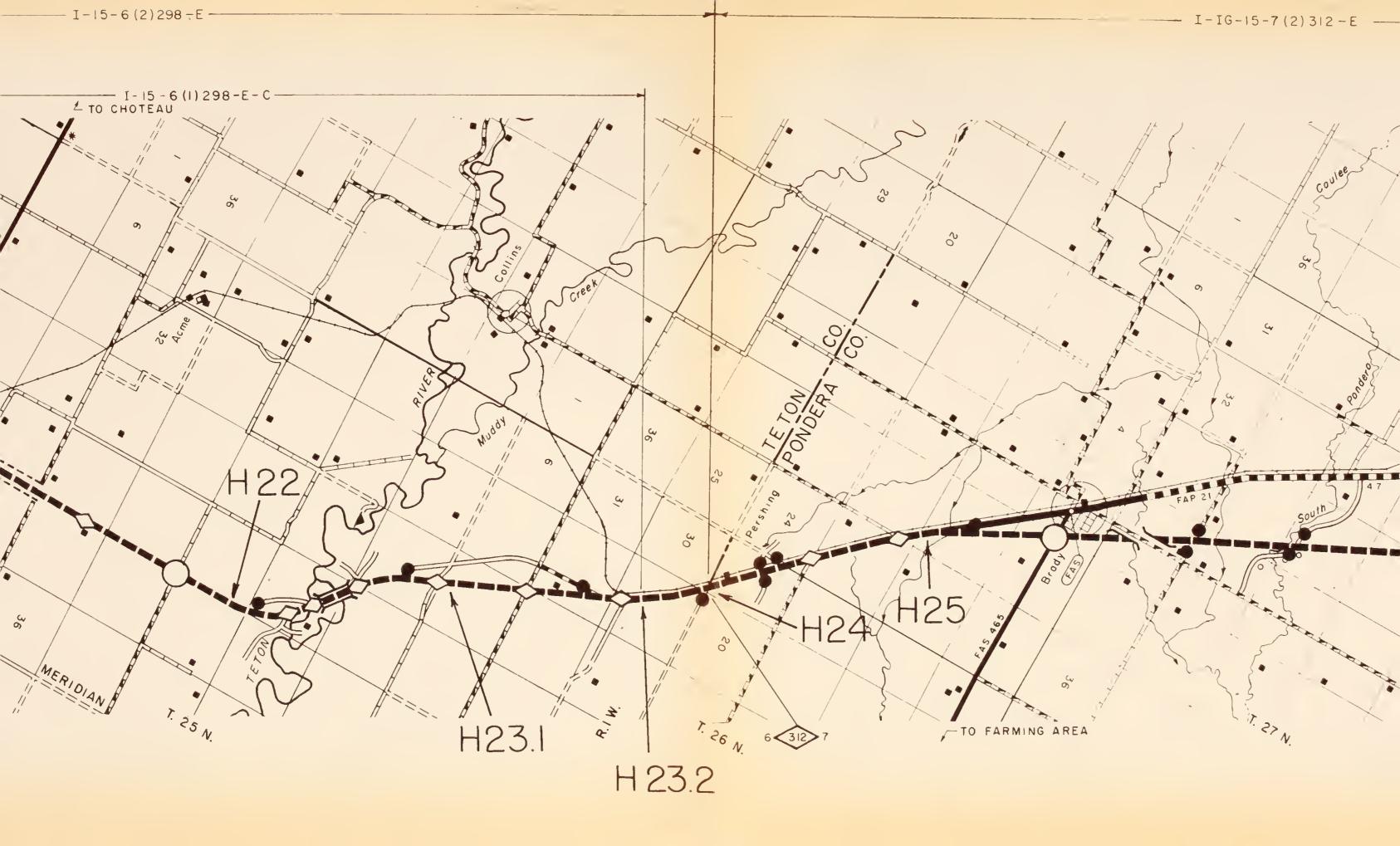


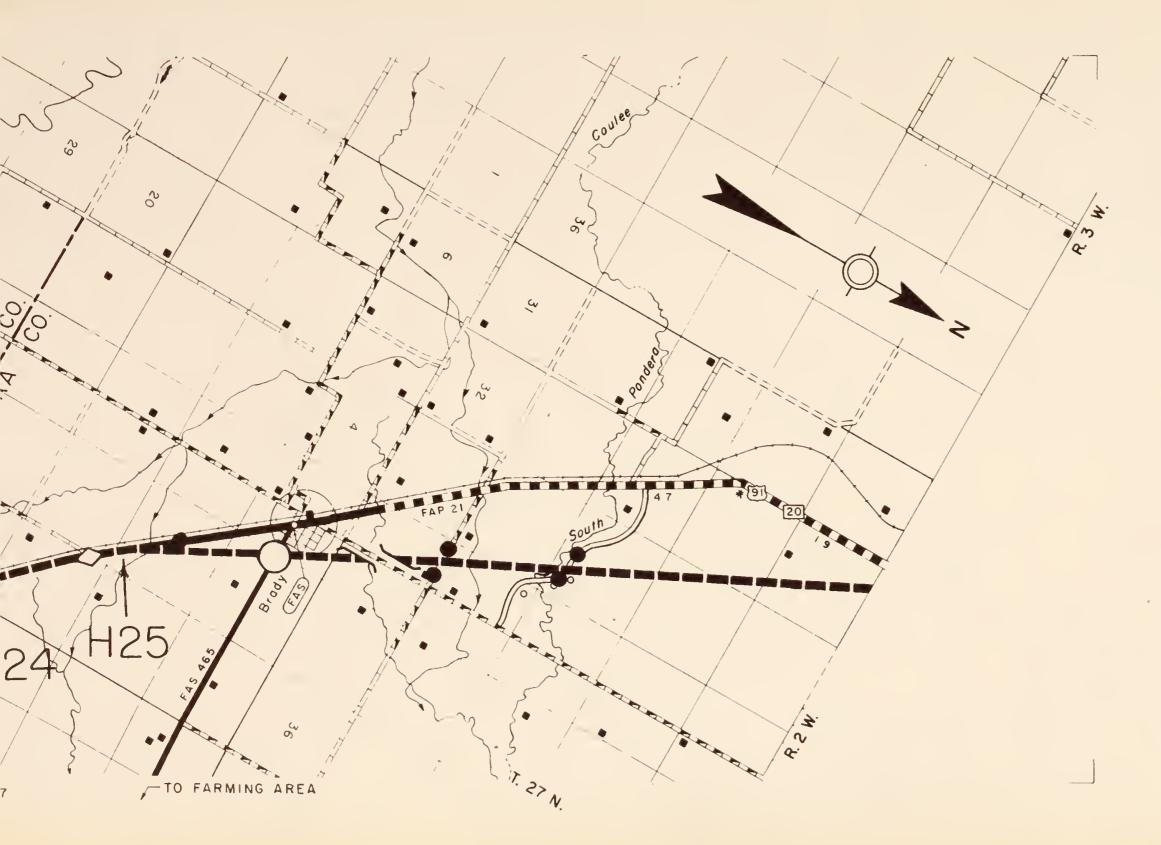
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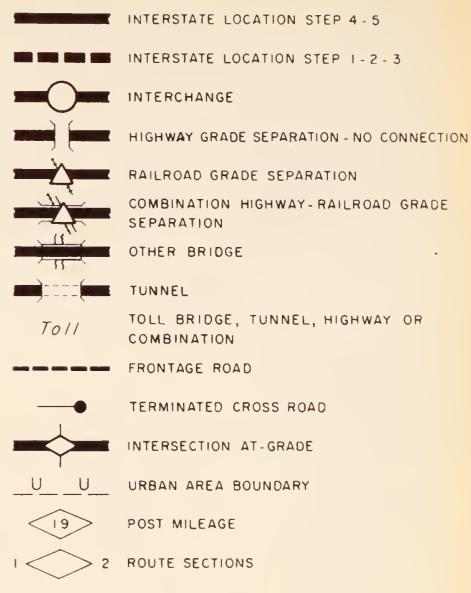
INTERSTATE ROUTE 15 (102)
Sheet 5 of 8
Date January I, 1960
INTERSTATE ROUTE 315 (105)
(COMPLETE ROUTE ON THIS SHEET.)

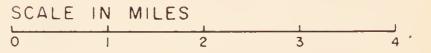












MONTANA

INTERSTATE ROUTE 15 (102)

Sheet 6 of 8

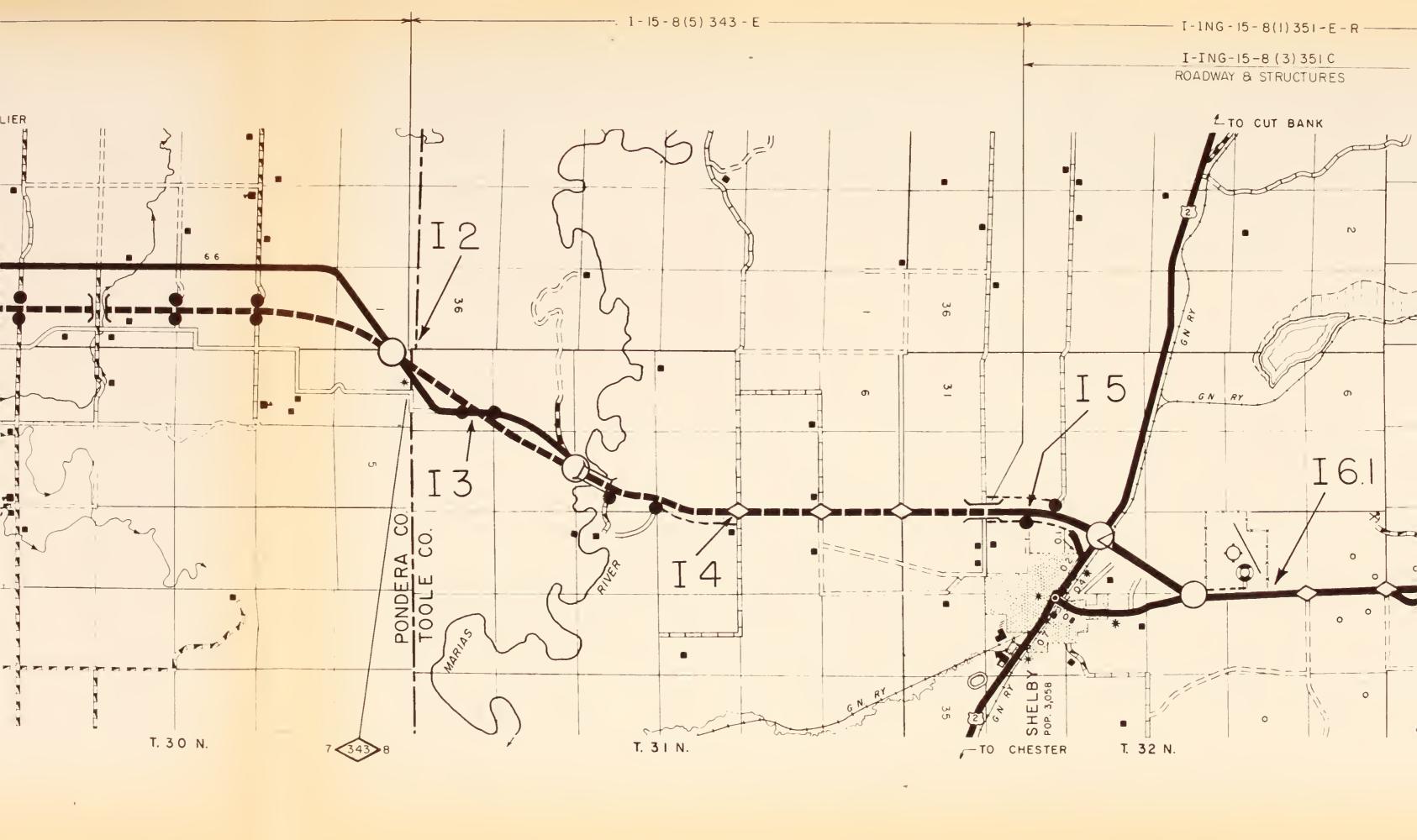
Date January I, 1960

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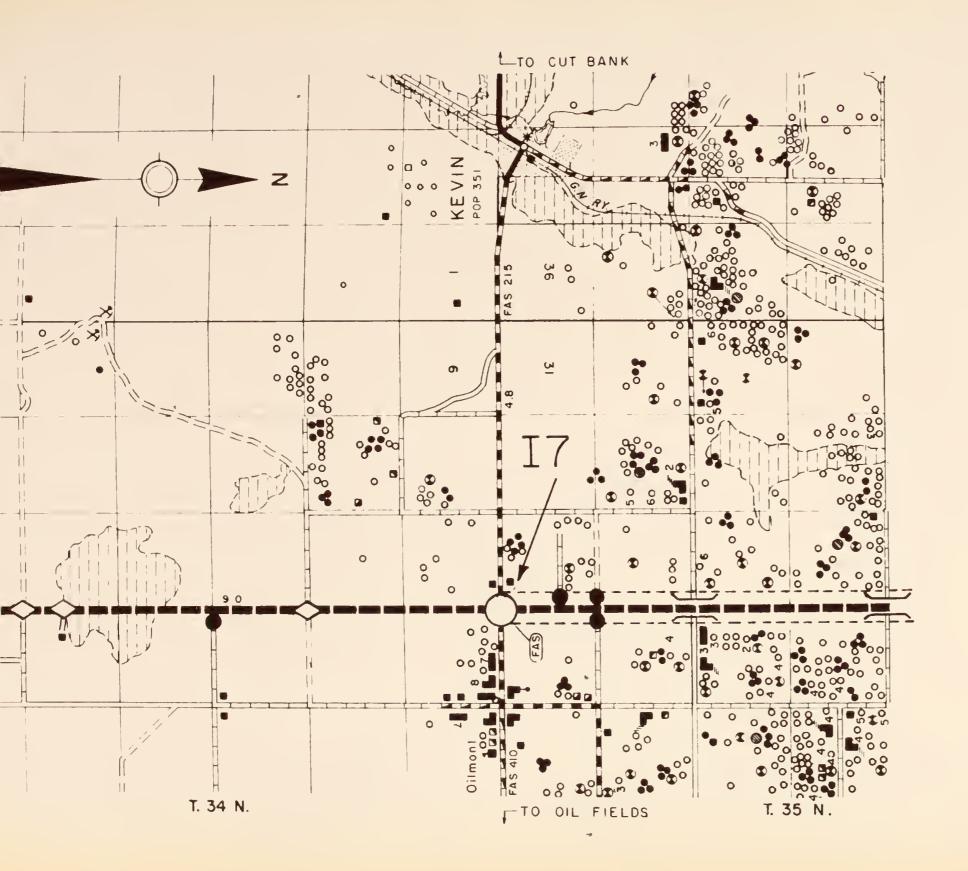
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TO FARMING AREA

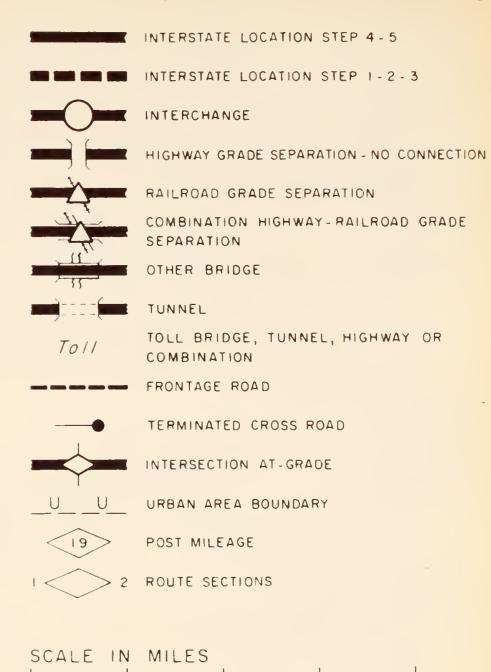
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LEGEND FOR INTERSTATE ROUTES

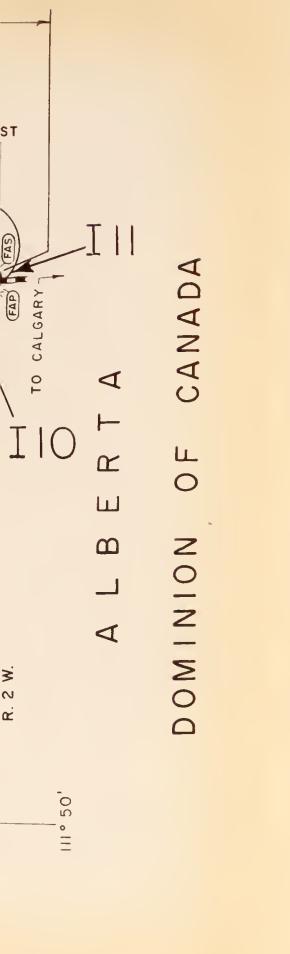


MONTANA

INTERSTATE ROUTE 15 (102)

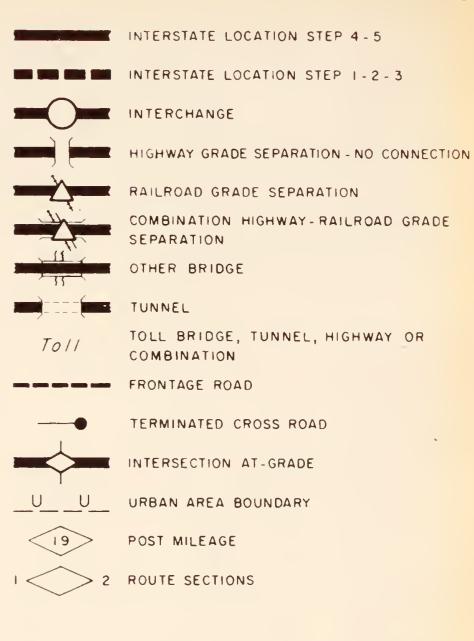
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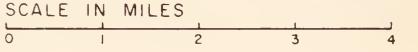
Date January I, 1960











MONTANA

INTERSTATE ROUTE 15 (102)

Sheet 8 of 8

Date January 1, 1960

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	Al-A2	A2-A3.1	A3.1-A3.2	A3.2-A4	A4-A5.1	A5.1-A5.2	A5. 2-A6	A6-A7	A7-A8.1	A8.1-A8.2	A8.2-A8.3	A8.3-A9.1	A9.1-A9.2	A9.2-A9.3	A9.3-A10
I T E M 1. Section length, miles	3.4	7.6	5.5	5.4	5.6	4.6	0.9	1.2	0.2	0.9	7.9	1.4	2.3	1.2	1.9
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 1490 3500 525 55 10 50	R E 1490 3500 525 55 10 50 2	R E 1433 3400 510 55 10 50 2	R E 1489 3500 520 55 10 50 2	R E 1448 3400 510 55 10 50 4	R E 1448 3400 510 55 10 50 2	R E 1448 3400 510 55 10 70 2	R N 1448 3400 510 55 10 60 2	R N 1442 3400 510 55 10 60 2	R N 1442 3400 510 55 10 70 2	R E 1442 3400 510 55 10 60 2	R E 1442 3400 510 55 10 70 2	1442 3400 510 55 10 60 2	1442 3400 510 55 10 60 4	7 3300 500 55 8 70 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	2.6	7.2 0.4 	3.9 1.6	4.0 0.2 1.2	5.0 0.6	3.6	0.4 0.5	1.0 0.1 0.1	0.2	0.9	7.2 0.7	1.4	2.3	1.2	1.9
14. Typical cross-section reference	45	21	21	20	45	21	20	20	71	20	20	21	20	40	20
15. Right-of-way width: minimum	300	300	300	300	300	300	300	300	300	300	300	260	200	300	200
prevailing	300	300	300	300	300	300	300	300	300	300	300	260	300	300	250
16. Median width: minimum	6				6						desir della			36	
prevailing	6				6									36	

		T	Ι."		T		ı						1		
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	AlO-All	All-Al2.1	A12.1-A12.2	A12.2-A12	A12.3-A12.4	A12.4-A13.1	A13.1-A13.	A13.2-A13.3	A13.3-A14	A14-A15	A15-A16	A16-A17	A17-A18	A18-A19	A19-A20
I T E M 1. Section length, miles	4.0	5.4	1.8	2.3	0.9	2.5	0.5	0.2	4.3	3.7	2.9	2.1	2.2	1.4	0.2
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 1407 3300 500 55 8 70 2	R N 1407 3300 500 55 8 60 2	R E 1404 3300 500 55 8 60 2	R E 1405 3300 500 55 8 70 4	R E 1405 3300 500 55 8 70 2	R E 1405 3300 500 55 8 70 2	R E 1405 3300 500 55 8 50 2	R N 1405 3300 500 55 8 50 2	R N 1463 3500 530 55 8 50 2	R E 1463 3500 530 55 8 60 2	R N 1511 3600 540 55 8 60 2	R N 1511 3600 540 55 8 60 2	R E 1511 3600 540 55 8 60 2	1511 3600 540 55 8 60 2	R N 1,11 3600 540 55 8 60 4
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	4.0	4.3	1.8	2.3	0.9	2.5	0.5	0.2	3.7 0.6	3.7	2.9	2.1	2.2	1.4	0.2
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	20 280	40 270	20 285	20 300	21 300	71 300	21 300	20 300	20 300	20 300	20 300	20 300	73 300
prevailing	300	300	280	400	400	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum				46											6
prevailing				46										w-s t-m	6

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B4-B5.1	B5.1-B5.2	B5.2-B6	B6-B7	B7-58	B8-B9	B9-B10	B10-B12.3	B12.3-B13	B13-B14.1	B14.1-B142	B14.2-B15	B15 - B16	B16-b17.1	B17.1-B172
I T E M 1. Section length, miles	3.1	3.1	3.8	3.6	3.6	1.6	7.5	G20.1-G21 SEE	5.8	7.1	5.3	4.0	3.5	2.9	7.8
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 2073 5300 690 55 10 70	R N 2073 5300 690 55 10 70 2	R N 2005 5100 660 55 10 70 2	R E 1620 4100 530 55 10 70 2	R N 3180 8100 990 60 7 60 4	R N 3180 8100 990 60 7 70 4	R E 3473 8900 1090 60 10 60	FAI 15	R N 1275 3100 410 55 12 50 4	1275 3100 400 55 12 50 4	1300 3200 420 55 12 50 4	11 N 1300 3200 420 55 12 70 4	1476 3600 470 55 15 60	1476 3600 470 55 15 60 2	R N 1340 3300 430 55 15 50 4
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	3.1 	3.1	2.8 0.6 0.4	3.4 0.1 0.1	3.6	1.6	5.8 1.3 0.4	CIDENT M	4.9 0.9 	7.1 	5.3 	3.5 0.5	3.3 0.2	2.3	6.3
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	20 300	20 300	40 300	40 300	1,0 300	IOO	45 300	45 300	40 300	40 300	20 300	20 300	40 300
prevailing	300	300	300	300	300	300	300		300	300	300	300	300	300	300
16. Median width: minimum	-	-	-	-	46	46	46		6	6	36	36	-	_	116
prevailing	-	-	-	-	46	46	46		6	6	36	36	-	-	46

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B17.2-B18	B18-C1	C1-C2	C2-C3.1	03.1-03.2	C3.2-C4.1	C4.1-C4.2	C4.2-C5.1	C5.1-C5.2	C5.2-C6	C6-C7.1	C7.1-C7.2	07.2-08.1	C8.1-C8.2	C8.2-C9
I T E M 1. Section length, miles	3.0	3.8	2.5	3.5	3.0	7.8	1.5	8.8	8.1	1.0	1.0	3.7	1.9	3.1	3.7
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 1340 3300 430 55 15 60	R N 1282 3200 420 55 15 60 2	H N 1300 3200 420 55 15 60 2	R N 1300 3200 420 55 15 60 4	R N 1905 5400 700 55 12 70 4	R N 1852 5300 690 55 12 60 4	R N 1936 5500 720 55 12 70 4	R N 1936 5500 720 55 12 70 4	3032 8600 1120 55 12 70 4	R N 1200 3400 440 55 12 70 4	U N 1200 3400 440 55 12 70 4	2610 7400 960 55 12 70 4	R E 2250 6400 830 55 12 50 4	2250 6400 830 55 12 50 4	# E 2-50 6-00 830 55 12 50 4
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	3.0	3.8	2.5	3.5	3.0	7.8 	0.8	7.8 1.0	4.9	0.5	1.0	2.7	1.9	2.3	3.2
4. Typical cross-section reference	20	20	20	50	50	50	50	50	50	50	50	50	45	45	45
5. Right-of-way width: minimum	300	300	300	300	300	300	300	300	300	300	300	300	180	160	300
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	250	240	300
6. Median width: minimum	-		-	46	116	46	46	116	46	46	46	46	6	6	6
prevailing	-	-	-	146	116	46	46	46	46	46	46	46	6	6	6

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	C9-C10	C10-C11	C11-C12.1	012.1-012.2	012.2-013	C13-C14	014-015.1	015.1015.2	015.2-0153	C15.3-D1	D1-D2	D2-D3.1	D3.1-D3.2	03.2-04.1	D4.1-D4.2
I T E M 1. Section length, miles	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.1	0.4	13.6	3.5	5.7	2	10.4
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 2. Percent trucks (T),1975 3. Design speed (V) 10. Number of through traffic lanes	R E 2160 6200 810 55 12 50 4	R E 2198 6300 820 55 12 60 4	R N 2250 6400 830 55 12 60 4	U N 1989 5700 740 60 12 60	R N 1300 3700 480 55 14 60	R N 1300 3700 480 55 14 60	R E 2411 6900 900 55 14 70 4		R E 1585 4100 530 55 12 60 4	R E 1523 3900 510 55 12 70 2	R E 1600 4100 530 55 12 70 2	R N 1603 4100 530 55 15 70 2	1603 4100 530 55 15 70	1432 3700 480 55 15 60 2	R E 1 50 3200 420 55 15 70 2
ll. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	1.8 0.6 2.7	0.9 1.3 1.0	1.0 1.0 1.0	0.2	0.5	3.4	2.2 2.5 	7.7 	4.1 		8. 2 4.8 0.6	0.6	4.5	1.2	8.3
14. Typical cross-section reference 15. Right-of-way width: minimum	45 300	40 300	40 200	40 240	40 230	40 200	40 200	20 300	40 300	20 260	20 300	20 300	20 300	300 300	20 300
prevailing	300	300	270	240	280	270	200	300	300	280	300	300	300	300	300
16. Median width: minimum	6	46	46	46	46	46	46	_	6	-	-	-	met.	45	-
prevailing	6	46	46	46	46	46	46	_	6	_	_	_	_	_	

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D4.2-D5.1	D5.1-D5.2	D5.2-D5.3	D5.3-D6	D6-D7.1	D7.1D7.2	D7.2-D8	D8-D9	D9-D10.1	D10.1-D102	D10.2-D11	D11-D12	D12-D13.1	D13.1-D132	D13.2-D14
I T E M 1. Section length, miles	1.0	0.3	1.8	2.7	2.4	2.0	6.2	7.8	9.5	3.6	3.5	4.6	4.1	1.8	6.4
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 1250 3200 420 55 15 70 2	R N 1250 3200 420 55 15 60 2	R N 1284 3300 430 55 15 60	R E 1284 3300 430 55 15 60 2	R N 1500 3800 490 55 15 60 2	R E 1500 3800 490 55 15 60	1500 3800 490 55 15 60 2	R N 1682 4500 580 55 15 50 4	R N 1625 4300 560 55 15 70 2	R E 1625 4300 560 55 15 70 2	R N 2026 6000 780 55 15 70 4	H N 2026 6000 780 55 15 70 4	11800 11800 1420 55 12 70	4800 14200 1700 60 12 70 4	R E 4500 14200 1700 60 12 70 4
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides		0.3	1.8 	2.7	2.4	2.0	5.2 1.0	5.8 2.0	6.9	3.6	3.5	2.1 2.5	2.1 2.0	1.6 0.2	6.4
14. Typical cross-section reference 15. Right-of-way width: minimum	20 250	20 220	40 240	2 0 220	20 290	20 200	20 300	40 300	20 300	20 300	40 170	40 170	40 170	170	40 170
prevailing	370	350	280	340	290	250	300	300	300	300	170	170	170	170	170
16. Median width: minimum			46					46			46	46	46	46	46
prevailing			46					46			46	46	46	46	46

Old Interstate route number	101	101	101	103	103	103	103	103	103	103	103	103	103	103	103
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D14-D15.1	D15.1-D1.52	D15.2-D16	M1-M2	112-143	M3-M4	M4-M5	M5-M6	M6-M7	M7-M8	94-84	M9-M10	M10-M11	M11-M12	M12-M13
I T E M 1. Section length, miles	4.6	1.4	3.4	11.1	1.0	2.9	2.1	4.3	7.5	9.5	6.0	2.4	0.7	5.1	0.9
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 2. Percent trucks (T),1975 3. Design speed (V) 10. Number of through traffic lanes	1360	R N 4253 11300 1360 60 12 70 4	R N 3403 9100 1090 55 15 70	R N 1228 3000 390 55 15 50	R N 1043 2600 340 55 15 50	R N 1043 2600 340 55 15 70 2	R N 1043 2600 340 55 15 60 4	R N 1043 2600 340 55 15 50 4	d N 1043 2600 340 55 15 60 2	R £ 1143 2800 360 55 15 60 2	R N 1943 5300 690 55 12 70 2	R E 1692 470 610 55 12 70 2	1629 470 610 55 12 70	15/3 4400 570 5 - 1, 70 2	R E 193 100 570 55 12 70 4
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	3.2	1.4	3.4	7.6 3.5	0.5	2.9	2.1	3.1	7.3	9.5	4.0	2.14		 5.1	0.3
14. Typical cross-section reference 15. Right-of-way width: minimum	40 300	40 300	40 300	40 300	40 300	20 300	40 300	40 300	20 300	20 300	20 300	20 270	40	20 300	40 300
prevailing	300	300	300	300	300	300	300	300	300	300	300	320	300	300	300
16. Median wiath: minimum	46	46	46	46	46		46	46					46		46
prevailing	46	46	46	46	46	Aring Mills	46	46			grey min		46		46

1	1		1	103	103	103	103					RURAL	URBAN	
	Τ.	1	1	l	1	1	1							
M13-M14	M14-M15	M15-M16	M16-M17	M17-M18	M18-M19	M19-M20	M20-M21							
1.7	0.8	6.6	10.6	1.7	11.4	5.4	4.2					539.3	3.5	542.8
R E 1530 420 550 55 12 70 4	R E 1204 3300 430 55 12 70	R E 1204 3300 430 55 12 70 2	R E 1129 3100 400 55 12 70 2	R E 1129 3100 400 55 12 70 2	R E 1074 3000 420 55 12 70 2	R E 1001 2800 390 55 12 60 2	R E 951 2600 390 55 12 50 2							
0.7 1.0	0.8	4.6	9.6 1.0	0.9 0.8	11.4	4.9 0.5	4.2					408.5 105.6 25.2	3.5	412.0 105.6 25.2
40 230	20 300	20 300	20 300	20 300	20 300	20 300	20 300							
300	300	300	300	300	300	300	300							
46														
46														
	R E 1530 420 550 55 12 70 4 4 0.7 1.0 40 230 300 46	R E E 1530 1204 420 3300 550 430 55 55 12 12 70 70 4 2 0.7 0.8 1.0 40 20 230 300 300 300 46	R E E E E E E E E E E E E E E E E E E E	R E E E E E E E E E E E E E E E E E E E	R R R R R E E 1530 1204 1204 1129 1129 420 3300 3300 3100 3100 550 430 430 400 400 55 55 55 55 55 12 12 12 12 12 70 70 70 70 70 70 4 2 2 2 2 2.0 1.0 0.8 40 20 20 20 20 230 300 300 300 300 300 300 300 300 300	R R R R E	R R E R E	R R R R R R R R R E	R R R R R R R E	R R R R R R E	R R R R R R E	R	R E E E E E E E E E E E E E E E E E E E	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Signatures:		Date
	State: Name and Title	
		Date
	BPR Division Engineer	

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	l	1	1	1	1	11	1	1	1	1	1	1	1	1	1
Section	Al - A2	A2 - A3.1	A3.1-A3.2	A3.2-A4	A4 - A5.1	A5.1-A5.2	A5.2 -A6.		A7 - A8.1	A8.1-A8.2	A8.2-A8.3	A8.3-A9.1	A9.1-A9.2	A9.2-A9.3	A9.3 - AlO
Section length, miles (0.1 mile)	3.4	7.6	5.5	5.4	5.6	4.6	0.9	1.2	0.2	0.9	7.9	1.4	2.3	1.2	1.9
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	rt
location: Existing, new, or toll	E	E	E	Ξ	E	Е	Ξ	N	N	N	E	E	N	N	N
No. Lanes to be constructed this estimate		2	2	2	4	2	2	2	2	2	2	2	2	4	2
No. through traffic lanes	4	2	2	2	4	2	2	2	2	2	2	2	2	4	2
Finance code	22	22	22	22	22	22	22	23	23	23	22	22	23	23	23
JORK CLASSIFICATION			ES'	rimated co	STS (1,000	Dollars)									
				1		1	1		1	1		1	1		
1. Preliminary engineering	17 61	13 136	42	39 268	58 49	19 16	8 82	28	20	33	39 68		7		20/
2. Right-of-way	20		146			I .		74	4			93	152	79	126
3. Clear & grub; demolition	20	23 83	46	16 27	17	14	11	3		5	24				
4. Utility adjustments	503	847	378	255	29 473	36	3	169			48	70		120	
5. Grade & Drain; minor structures	1,02	364	232	325	_	150 191	99			29	265	70	113	139	82
6. Base; surfacing; shoulders	104	145	}		640	_	63	60		50	448	53	103	94	85
7. R.R. grade separations															
8. Highway grade separations without ramps		200	195	206				1.57							
9. Interchanges, complete	45	112			83			157 170						97	Story Width
10. Other bridges; tunnels	47	1							448						rens entit
12. Guardrail; fencing; lighting; traffic															
control devices	22	64	70	61	71	41	6	75		14	106	1	27	67	18
13. Roadside improvement	10	22	36	15		41	2	3		3	23		27	. ;	5
14. All other items		37	70				2.	ر 			4.) ~=				
15. Subtotal, lines 3 to 14	1113	1897	973	905	1350	432	184	644	448	101	914	124	250	1,01	190
16. Construction Engineering & Contingencies,		207,	1	, , ,	2770	4,7~	104	0.44	4.,0	101	/ 1.4	1.000	2,00	,,,,	1/0
10% of line 15	111	190	97	91	135	43	18	64	45	10	91	12	25	40	19
17. Total Estimated Cost	1302	2236	1258	1303	1592	510	292	810	517	149	1112	229	427	520	335

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	A10-A11	A11-A12.1	A12.1-A127	A12.2-A123	A12.3-A12.4	Al2.4-A13.1	A13.1-A13.2	A13.2-A13.3	A13.3-A14	A14-A15	A15-A16	A16-A17	A17-A18	A18-A19	A19 - A20
Section length, miles (O.1 mile)	4.0	5.4	1.8	2.3	0.9	2.5	0.5	0.2	4.3	3.7	2.9	2.1	2.2	1.4	0.2
Class: Rural or Urban	13	rı	:t	R	R	R	R	R	12	R	R	l3	R	13	11
location: Existing, new, or toll		ľ.	1	E	E	3	E	N	N	E	N	1	Ľ	N	N
Wo. lanes to be constructed this estimate		2	2	4	2	2	2	2	2	2	2	2	2	4	L,
No. through traffic lanes	2	2	2	4	2	2	2	2	2	2	2	2	2	2	4
Finance code	,22	23	22	23	22	22	22	23	23	22	23	23	22	23	23
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)									
l cultivitum mains and a				1 1			İ	l	l						
l. rediminary engineering . hight-of-way	18	110	1	110	43	112	- <u>-</u>	5	103	54	149	12	8	1/4	8
3. Clear & grub; demolition		32				8	3		26		9	6	7	7,	
4. Utility adjustments	2)~ 			3	13	ĺ		12	2	13	12	8	57	2
5. Tride & Frain; minor structures	174	356				192	12		21,8	-	137	281	4,62	115	
6. Base; surfacine; shoulders	223	310				118	20	one 1078	176	119	189	137	123	78	
7. K.R. grade separations		340					90		69						
2. Highway grade separations without ramps												61			
1. Interchanges, complete		156						197		ma-ga-	159				
1). Other bridges; tunnels		872						589	340	-			575		1200
11. Walls						design digital									
12. Buardrail; fencing; lighting; traffic															
control devices	25	61				32	1,		4,5	40	51	21	22	17	
13. Roadside improvement	11	35	6	6	3	7	2		12	11	8	6	6	4	
14. All other i ems															
15. Subtotal, lines 3 to 14	435	2162	6	6	6	370	132	786	928	172	566	524	1203	275	12.02
1/2. Construction Engineering & Contingencies,		02/				0.0	2.0	70	0.0	1.0	<i>= /</i>	50	120	() "7	120
10% of line 15	4.4	216	1	1	1	37	13	79	93	17	56	53	120	27	
117. Total Estimatea Cost	1,00	21,R8	8	117	50	519	150	870	1124	243	771	589	1331	316	1330

STATE Montana

101														
101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
1	1	1	1	11	1	<u> </u>	1	1	11	1	1	1	1	1
	A21-A22.1	<u> </u>		A23-A24.1		A24.2-A243	3 A24.3-A25		A26-A27.1		A27.2-A281		A28.2-A291	A29.1-A29.2
1.6	1.4	1.5	3.6	4.5	 	6.1	1.6	+ · · · · · · · · · · · · · · · · · · ·	1.5	2.2	3.6	6.7	1.0	2.5
R	H	R	R	R		R				R	R	R	R	R
	E	N	Ε			N	N	N	N	N	N	N	E	<u>E</u>
	4	4				4	4	4	4	4	4	4	L ₄	4
7		4	~			4	4	1	4	4	4	4	4	4
23	22					23	23	23	23	23	23	23	22	22
		EST	TIMATED COS	STS (1,000	Dollars)									
			1		1		1	1	1	1	ı	I	1	
												33	6	35 55
59		140	95	193	45	163	43	2231	148			1	51	55
	1 /									6		1		
		3	_	•					, ,	7			2	35
1								, , ,					1 ' 1	241
206	157	187	267	309	80		339	517	312	457		1	83	233
											393	1		
														57
257		203		158		203	220		176					200
						-		157		919	453	105		
														there are a
20	10	20		r.r.	23	60	25	253	277	77.7	52	O.E	6	1.3
20	40	30			21			1 ,	4/	(1			1 -	43
2	4	4			75		1	_	4	0		-/	"	
		l '									I .			816
	7,0	700	777	770)44.	2007	1007	1770	117	1,00	1777	2,14,7	1,0	OTO
64	37	51	59	100	34	261	81	194	78	196	173	252	16	82
761	437							1						988
	N 4 4 23 59 150 206 257 20 5 638 64	1.6 1.4 R R R N E 4 4 4 4 23 22 59 30 4 6 150 159 206 157 257 257 257 20 40 5 4 638 370 64 37	1.6 1.4 1.5 R R R R N E N 4 4 4 4 23 22 23 EST 6 3 150 159 81 206 157 187 257 203 203 203 20 40 30 5 4 4 638 370 508 64 37 51	1.6	1.6 1.4 1.5 3.6 4.5 R R R R R R R R N E N E E 4 4 4 4 2 2 2 23 22 23 22 22 ESTIMATED COSTS (1,000) 6 3 6 14 150 159 81 270 415 206 157 187 267 309 32 257 203 158 257 203 158 257 203 158	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6 1.4 1.5 3.6 4.5 1.7 6.1 1.6 2.3 1.5 2.2 3.6 6.7 R R R R R R R R R R R R R R R R R R R	1.6 1.4 1.5 3.6 4.5 1.7 6.1 1.6 2.3 1.5 2.2 3.6 6.7 1.0 R R R R R R R R R R R R R R R R R R R

STATE	Montana
0 2 71 2 27	

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	A29.2-A293	A29.3-A30	A30-A31	A31-A32	432-A33	A33-A34	A34-A35	A35-A36	A36-A37	A37-A38	A38-B1	B1-B2.1	B2.1-B2.2	B2.2-B3	B3-B4
Section length, miles (0.1 mile)	7.4	0.9	5.7	5.8	5.6	2.6	4.5	4.2	5.4	5.4	2.0	4.6	7.6	1.0	3.4
Class: Rural or Urban	R	R	R	R	R	13	R	R	R	R	R	R	rt	R	R
Location: Existing, new, or toll	E	E	Ē	N	N	E	N	E	E	E	N	Е	N	N	N
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	4	4	4	4	2	2	4	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	2	2	4	2
Finance code	22	22	22	23	23	22	23	22	22	22	23	22	23	23	23
NORK CLASSIFICATION			ES?	TIMATED CO	STS (1,000	Dollars)									
				1	4		1	ı	1	1 1	l	1	1		
1. Preliminary engineering	127	6			151		92				7-	2.10	22/		1.00
2. Right-of-way	164	20	125 17	89 17	81	47	147			114	64	120	336	44	187
3. Clear & grub; demolition	105	7.0		_ '	1	4				16					
4. Utility adjustments	105	13	154	78	29	2	34			38	33.50	2	24	3	6
5. Grade & Drain; minor structures	1437	25	1005	627	4380	308	466			623	1159	502	400	52 116	72
6. Base; surfacing; shoulders	862	106	476	559	550	274	456			469	196	160	513		164
7. R.R. grade separations		***		596	470		691			194	112		100		
8. Highway grade separations without ramps				57			3.50				103	160	197	102	Olich dellay
9. Interchanges, complete	430		83	125	248 657	203	158			215	287	159 107	158	123 102	90
10. Other bridges; tunnels 11. Walls				425	1						~~				· ·
															otting Milipa
12. Guardrail; fencing; lighting; traffic control devices	110	9	79	88	112	43	195			60	80	47	23	19	21
13. Roadside improvement	21	3	17	17	16	7	13	12	15	35	6	13	7.	3	10
14. All other items			± /				74								
15. Subtotal, lines 3 to 14	2965	156	1831	2464	6479	841	2087	12	15	1650	1946	990	1319	418	363
16. Construction Engineering & Contingencies,															
10% of line 15	297	16	183	246	648	84	209	1	2	165	195	99	132	42	36
17. Total Estimated Cost	3553	198	2139	2799	7359	972	2535	13	17	1929	2205	1209	1787	504	586

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
doute identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B4 - B5.1	B5.1-B5.2	B5.2-B6	B6-B7	B7-B8	B8-B9	B9-B10	B10-B12.3				2 B14.2-B15	B15-B16	B16-B171	B17.1-B17.2
Section length, miles (0.1 mile)	3.1	3.1	3.8	3.6	3.6	1.6	7.5	=	5.8	7.1	5.3	4.0	3.5	2.9	7.8
Class: Rural or Urban	R	R	R	И	R	R	R	G20.1-G21	R	R	R	R	R	R	R
location: Existing, new, or toll	N	N	N	E	N	N	E	SEE	N	N	N	N	N	E	N
No. lanes to be constructed this estimate		2	2	2	4	4	4	FAI 15	4	4	4	4	2	2	4
No. through traffic lanes	2	2	2	2	4	4	4		4	4	4	4	2	2	2
Finance code	23	23	23	22	23	23	22		23	23	23	23	23	22	23
WORK CLASSIFICATION			ESI	TIMATED CO	STS (1,000	Dollars)								i i	
				I	ı	i	I	1	1	1	1	1 1	ı		
1. Preliminary engineering									39		~-			7-	
2. Night-of-way	93	48	105	29	49	34	90		179	20	124	139	26	65	145
3. Clear & grub; demolition					3				15	80					
4. Utility adjustments	10	1	7	8	1	20	31		15	46	12	6	17	11	10
5. Grade & Drain; minor structures	109	186	103	54	262	251	893		3726	3859	1409	277	284	79	2569
6. Base; surfacing; shoulders	170	202	257	242	357	159	762		614	744	525	379	187	159	663
7. R.R. grade separations		131				178	127				260				
8. Highway grade separations without ramps	44		42						57	57	57	113			57
9. Interchanges, complete			176		218	200	248		108		250	205	~~	159	108
10. Other bridges; tunnels	20		20	57	26							56			102
11. Walls]		{	
12. Guardrail; fencing; lighting; traffic	0.0	2/	1 =		/5	<u></u>							22	16	119
control devices	28	36	65	24	67	54	92		80	111	59	48		10	
13. Roadside improvement	9	9	31	10	10	4	21		8	20	15	11	10	0	44
14. All other items	200		701				0151		1/00		25.00	1005	520	1,32	3672
15. Subtotal, lines 3 to 14	390	565	701	395	944	866	2174		4623	4917	2587	1095	520	434	30/2
16. Construction Engineering & Contingencies,	39	56	70	40	94	87	217		462	492	259	110	52	43	367
10% of line 15	522	669		<u> </u>		<u> </u>	!	-							
17. Total Estimated Cost	222	007	876	464	1087	987	2481		5303	5429	2970	1344	598	540	4184

STATE Kontana

														•	
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
section	E17.2-B18	B18 - C1	C1 - C2	C2 - C3.1	03.1-03.2	03.2-04.1	C4.1-C4.2	C4.2-C5.1	C5.1-C5.2	C5.2-C6	C6-C7.1	C7.1-C7.2	C7.2-C8.1	C8.1-C8.2	C8.2-C9
Section length, miles (0.1 mile)	3.0	3.8	2.5	3.5	3.0	7.8	1.5	8.8	8.1	1.0	1.0	3.7	1.9	3.1	3.7
Class: Rural or Urban	51	.?	R	ਜ਼	R	ત	R	R	R	R	U	R	R	ιť	R
location: Existing, new, or toll	9, Ş 2 *	N	N	11	N	N	N	N	N	N	N	Е	臣	E	Ŀ
No. lanes to be constructed this estimate	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4
No. through traffic lanes	2	2	2	4	4	4	4	4	4	4	4	4	4	4	L _i
Finance code	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22
WORK CLASSIFICATION			ES1	'IMATED COS	STS (1,000	Dollars)									
1. Freliminary engineering				[] [!		124
2. Right-of-way	56	85	18	81	75	194	60	255	407	28	257	487	194	149	73
3. Clear & grub; demolition				22	9	4/4		6			~71				12
4. Utility adjustments	1,	1	2	20	21	22	1,	17	10	9	30	35	32	118	51
5. Grade & Drain; minor structures	167	273	203	242	204	514	268	673	363	45	95	231	653	745	2197
6. Base; surfacing; shoulders	159	201	132	727	623	1619	318	1843	1710	212	208	841	209	310	405
7. R.R. grade separations					241		259	140		341	115	209		244	
8. Highway grade separations without ramps					106			213	106	115					
1. Interchanges, complete				213	258	213	250	197	221			391		255	190
10. Other bridges; tunnels				396	455	86		429							
11. Walls															
12. Juardrail; fencing; lighting; traffic															
control devices	18	23	14	60	62	67	28	98	138	14	79	35	39	73	42
13. Roadside improvement	3	11	7	10	3	22	4	25	23	3	3	11	5		26
14. All other items												37			
15. Subtotal, lines 3 to 14	356	509	358	1699	1982	2543	1131	3641	2571	739	530	1790	938	1745	2911
16. Construction Engineering & Contingencies,	2/	63	2/	100	100	251	222	2/1	0.50	0.1	50	100	0,1	175	291
10% of line 15	36	51	36	170	198	254	113	364	257	74	53	179	94		
17. Total Estimated Cost	1,48	64.5	412	1950	2255	2991	1304	1,260	3235	841	840	2456	1226	2069	3399

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE ____Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	1	1	1	11	1	11	11	1	1	1	11	1	1	1	1
Section	C9-C10	C10 - C11		C12.1-C12.2			C14-C15.1			C15.3-D1	D1 - D2	D2 - D3.1	D3.1-D3.2	D3.2-D4.1	D4.1 - D4.2
Section length, miles (O.1 mile)	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.1	0.4	13.6	3.5	5.7	2.9	10.4
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	π	R
location: Existing, new, or toll	E	E	E	N	N	N	E	E	Ε	E	E	N	E	N	E
No. Lanes to be constructed this estimate	e 4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
No. through traffic lanes	4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
Finance code	22	22	22	23	23	23	22	22	23	22	22	23	22	23	22
JORK CLASSIFICATION			ES'	CO CETAMIT	STS (1,000	Dollars)								}	
				ı			4	1		1	1	1	1		
1. Freliminary engineering	65	28								9	41	51	42	23	*** ***
2. Right-of-way	177	126	158	11	26	179	125			41	152	180	153	226	207
3. Clear & grub; demolition									~-						
4. Utility adjustments	131	54	20	1	2	3	46			10	280	34	155	44	100
5. Grade & Drain; minor structures	568	233	498	97	252	379	172			15	114	361	176	100	242
6. Base; surfacing; shoulders	585	325	308	19	47	319	441			13	329	218	328	175	598
7. R.R. grade separations															
8. Highway grade separations without ramps						111						62			
9. Interchanges, complete	168		573				422			158	158	158	172	158	
10. Other bridges; tunnels												313	90	25	89
ll. Walls															
12. duardrail; fencing; lighting; traffic										~ /	- /		. ,	0.4	1.0
control devices	42	20	123	4	11	20	51			16	26	32	46	28	65
13. Roadside improvement	14	9	9	1	1	10	13	22	12	1	39	10	16	8	50
14. All other items	3500		7.507								<u></u>	2.2.44	0.46		2.2.1.1
15. Subtotal, lines 3 to 14	1508	641	1531	122	313	842	1145	22	12	213	946	1188	983	538	11/,/,
16. Construction Engineering & Contingencies,	151	64	153	12	31	84	114	2	1	21	95	119	98	54	11/4
10% of line 15 17. Total Estimated Cost	1901		1			·			12			1	/ -		· · · · · · · · · · · · · · · · · · ·
17. Total Estimated Cost	1,401	859	1842	145	370	1105	1384	24	13	284	1234	1538	1276	841	1465

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

NEW	INTERSTATE	ROUTE	NO.	• 90

						·									
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D4.2-D5	D5.1-D5.2	D5.2-D5.3	D5.3-D6 ·	D6-D7.1	D7.1-D7.2	D7.2-D8	D8 - D9	D9-D10.1	D10.1-D102	D10.2-D11	D11-D12	D12-D13.1	D13.1-D132	D13.2-D14
Section length, miles (0.1 mile)	1.0	0.3	1.8	2.7	2.4	2.0	6.2	7.8	9.5	3.6	3.5	4.6	4.1	1.8	6.4
Class: Rural or Urban	R	н	ಗ	it	R	R	R	ಗ	R	R	R	R	R	11	rt
location: Existing, new, or toll	N	N	N	E	N	E	E	N	N	E	N	N	N	E	<u></u>
No. Lanes to be constructed this estimate	2	2	4	2	2	2	2	4	2	2	4	4,	4	4	4
No. through traffic lanes	2	2	4	2	2	2	2		2	2	4	4	4	4	4
Finance code	23	23	23	23	23	22	22	23	23	22	23	23	23	22	22
WORK CLASSIFICATION			ES?	CO CETAMIT	STS (1,000	Dollars)									
						, I			1	t I		ı	ı	}	
1. Preliminary engineering		2	18	17	28	11	33	167	34						
2. Right-of-way	29	12	71	106	70	71	86	306	287	104	275	273	34	58	619
3. Clear & grub; demolition								23	~-						
4. Utility adjustments	19	2	12	19	16	30	57	17	8	8	31	28	66	10	
5. Grade & Drain; minor structures	1,4	51	244	480	459	170	283	2304	759	83	243	406	141	59	
6. Base; surfacing; shoulders	56	17	178	151	134	112	354	706	398	233	188	475	424	227	
7. R.R. grade separations				tors tim	94							311			
8. Highway grade separations without ramps	51				51	33						240			que tun
9. Interchanges, complete			260		allow Option			423	158	165			475		
10. Other bridges; tunnels	~-				316	50		220	165	60			68	35	time range
ll. Walls															
12. Guardrail; fencing; lighting; traffic															
control devices	6	13	11	16	15	12	55	14,9	69	33	22	79	76	11	3
13. Roadside improvement	3	1	5	8	7	6	18	42	27	10 75	10	13	12	5	18
14. All other items															
15. Subtotal, lines 3 to 14	179	84	710	674	1092	413	767	3884	1584	667	494	1552	1262	347	21
16. Construction Engineering & Contingencies,	18	8	71	67	109	17	77	389	158	66	49	155	126	34	2
10% of line 15				· ·		41	` '						Ļ		
17. Total Estimated Cost	226	106	870	864	1299	536	963	4746	2063	839	818	1980	1422	439	642

STATE Montana

Old Interstate route number	101	101	101	103	103	103	103	103	103	103	103	103	103	103	103
Noute identification (Code 1 or 2)	1	1	1	1	1	1		1	1		1	1	1	1	1
Section	D14-D15.1	D15.1-D15.2	D15.2-D16	M1-M2	M2-M3	M3-M4	M4-M5	M5-M6	М6-М7	M7-M8	M8-M9	M9-M10	M10-M11	M11-M12	M12-M13
Section length, miles (O.1 mile)	4.6	1.4	3.4	11.1	1.0	2.9	2.1	4.3	7.5	9.5	6.0	2.4	0.7	5.1	0.9
Class: Rural or Urban	R	R	R	R	R	H	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	N	N	N	N	N	N	E	N	E	Е	E	E
No. lanes to be constructed this estimate	4	4	4	4	4	2	4	4	2	2	2	2	4	2	2
No. through traffic lanes	4	4	4	4	4	2	4	4	2	2	2	2	4	2	2
Finance code	23	23	23	23	23	23	23	23	23	22	23	22	22	22	22.
WORK CLASSIFICATION			ES?	CO CO	STS (1,000	Dollars)									
						0			1	1		ı	1		
1. Preliminary engineering				38	5	3	3			42	72		the for		Wilder Makes
2. Right-of-way	402	110	245	202	212	2	22	29	9	51	104				the No.
3. Clear & grub; demolition															
4. Utility adjustments	206	34	38	39	1	Ţ			9	3	27				
5. Grade & Drain; minor structures	285	117	255	1702	399	49	57	590	208	209	115				
6. Base; surfacing; shoulders	490	139	337	1126	103	145	186	390	423	531	440				to the
7. R.R. grade separations	129					~			89		128				
8. Highway grade separations without ramps	181	~-	261							40	72				della Mala
9. Interchanges, complete	1.39	297	261	618					205		317				
10. Other bridges; tunnels		977		122	[371				
11. Walls													***		
12. Guardrail; fencing; lighting; traffic	0.50					2.4		~~		51.5	3.00				-
control devices	352	36	48	100	23	18	13	27	75	75	108				5
13. Roadside improvement	13	4	10 75	32	3	8	6	12	41	27	17	7	2	15	2
14. All other items	2005	2(0)		2720		223	262	1010	1050	885	1505			15	7
15. Subtotal, lines 3 to 14	2095	1604	1285	3739	529	221	202	1019	1050	887	1595	/	6.	1)	/
16. Construction Engineering & Contingencies, 10% of line 15	210	160	129	374	53	22	26	102	105	89	160	1		1	1
17. Total Estimated Cost	2707	1874	1659	4353	799	248	313	1150	1164	1067	1931	8	2	16	8
10car Estimated Cost	2/0/	1 1874	1034	4222	199	240	ンエン	1150	1104	1007	1431	0	4	10	0

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

													_
Old Interstate route number	103	103	103	103	103	103	103	103			><		
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1			Subt	cotal	Total
Section	M13-M14	M14-M15	M15-M16	M16-M17	M17-M18	M18-M19	M19-M20	M20-M21			Rural	Urban	For Route
Section length, miles (0.1 mile)	1.7	0.8	6.6	10.6	1.7	11.4	5.4	4.2			539.3	3.5	542.8
Class: Rural or Urban	Ř	R	R	R	R	R	R	R			><		
location: Existing, new, or toll	E	E	E	E	E	E	Ē	E			>		
No. Lanes to be constructed this estimate	4	2	2	2	2	2	2	2					
No. through traffic lanes	4	2	2	2	2	2	2	2			>		
Finance code	22	22	22	22	22	22	22	22			><		
NORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)							
				1	1	1	4						
1. Preliminary engineering				51	20	56	36	22			1818		1818
2. Right-of-way			186	282	28	184	214	44		1	5027	2499	17526
3. Clear & grub; demolition						34					552		552
4. Utility adjustments				56	12	52	54	5			3435	51	3486
5. Grade & Drain; minor structures			16	353	81	340	257	217		5	5911	666	56577
6. Base; surfacing; shoulders			15	601	95	604	310	235			2583	744	43327
7. R.R. grade separations											6460	115	6575
8. Highway grade separations without ramps					62	71		-			3043		3043
9. Interchanges, complete			316		158		158				5438	511	15949
10. Other bridges; tunnels				53	40	69					1956	157	12113
ll. Walls													
12. Guardrail; fencing; lighting; traffic													
control devices				65	26	104	44	26			6169	334	6503
13. Roadside improvement	5	3	43 19	50	5	33	16	12			1704	10	1714 392
14. All other items											392		I
15. Subtotal, lines 3 to 14	5	3	409	1178	479	1307	839	495		14	7643	2588	150231
16. Construction Engineering & Contingencies,	7			110	10	101	21	10		3	1761	250	15022
10% of line 15	1	0	41	118	48	131	84	49			4764	259	15023
17. Total Estimated Cost	6	3	636	1629	575	1678	1173	610		17	9252	5346	184598

Signatures:		Date
	State: Name and Title	
		Date
	BPR Division Engineer	

Sheet 1 of 10

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

		·	+	1			1	T 2.00		7.07					
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	11	1	1	1	1	1	1	1	1	1	1	1]	11
Section	Al - A2	A2-A3.1	A3.1-A3.2		A4-A5.1	A5.1-A5.2	A5.2-A6	A6 - A7	A7-A8.1	A8.1-A8.2	A8.2-A8.3	A8.3-A9.1		19.2-19.3	19.3-110
Section length, miles (0.1 mile)	3 4	7.6	5-5	5.4	5.6	4.6	0.9	1.2	0.2	0.9	7.9	1.4	2.3	1.2	1.9
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	E	E	E	E	E	N	N	N	E	E	N	N	N
No. Lanes to be constructed this estimate	4	2	2	2	44	2	2	2	2	2	2	2	2	4	2
No. through traffic lanes	4	2	2	2	4	2	2	2	2	2	2	2	2	4	2
Finance code	22	22	22	22	22	22	22	23	23	23	22	22	23	23	23
WORK CLASSIFICATION	Ĭ				ESTIMATED	COSTS (1,00	O Dollars)	AND NUMBER	OF STRUCTU	RES					
Item No. from						1	1		1	1	1	i			
Table C															
7. R.R. grade separations Cost	104	145	_	_	_	_	_	_	_	_	_	_	_		
No. for which costs estimated	1	1	-	-	_	-	-	-	-	-	_				
No. in service - cost = zero			_	_	_	_	_	_	_	***	1	_	_	-00	_
No. in authorized status - cost = zero	_	-	_	_	_		_	_	_	_	_	_	_	***	-
8. Highway grade separations without															
ramps Cost	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
No. for which costs estimated	_	_	_	_	_	_	_	_	_		-	_	-	_	-
No. in service - cost = zero			_	_	_	_			_	_				_	
No. in authorized status - cost = zero	_		_	_	_				_	_		_		_	_
								_	_	_		_	_	-	_
9. Interchanges, complete Cost	_	200	195	206	83	_	_	157	_		_	_	_	97	_
No. for which costs estimated	_	1	1	1	1	 		1							
No. in service - cost = zero	_					_	_	_	-	_	_	6-6	_	L	-
No. in authorized status - cost = zero	_	_	-	-	-	_	_	_	-	9-94	-	_	_	_	-
	_	_	_	_	-	_	-	_		_	_	_	_	_	_
10. Other bridges: tunnels Cost	45	112	_	_	37	_	_	170	448						
No. for which costs estimated	1	3	 							-	_	_	-		
No. in service - cost = zero	1	3	-	_	1	_	-	1	1	_	-	-	-	****	-
No. in authorized status - cost = zero	_		_	-	_	_	-	_	_		_		-	-	2
	_	_	_	-	_	_	-	-	_	-	_	-	1	_	2
Total structures Cost	149	457	195	206	100			205	1.0					97	
			190	200	120	-	-	327	448		_		-		_
No. for which costs estimated	2	5	1	1	2	-	-	2	1	-	-	_	-]	_
No. in service - cost = zero	₩	-	_	-	_	_	_	-	-	_	1	_	-		
No. in authorized status - cost = zero	-	_	_	-	-	_	_	-	_	_	-	_	1	_	2

NEW INTERSTATE ROUTE NO. 90

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

No. in service - cost = zero

No. in authorized status - cost = zero

101 Old Interstate routs number 101 Route identification (Code 1 or 2) All-Al2.1 Al2.1-Al2.2Al2.2-Al2 12.3-A12.4A12.4-A13. A13.1-A132 Al3.2-Al3. A13.3-A14 A14-A15 A15-A16 A16-A17 A17-A18 A18-A19 A10-A11 A19-A20 Section 0.9 5.4 1.8 Section length, miles (0.1 mile) 1.4 0.2 R R R Class: Rural or Urban R R R R Location: Existing, new, or toll H E No. Lanes to be constructed this estimate No. through traffic lanes - 4 14 22 23 22 23 22 22 22 23 22 Finance code ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 90 7. R.R. grade separations Cost 340 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 8. Highway grade separations without ramps Cost 61 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 159 9. Interchanges, complete 197 Cost No. for which costs estimated

10. Other bridges: tunnels	Cost		872	_	_	-	-	_	589	340	_		_	575	_	1,200
No. for which costs estimated		_	2	- Green	_	_	_	_	1.	1.	-	-	en.	1	_	1
No. in service - cost = zero		_	_	_	-	-	_	_	_	_	_	_	_	_	_	_
No. in authorized status - cost =	zero	-	_	_	-	_	_	_	_	_	_	-	_	_	_	_
Total structures	Cost	_	1568	_	_	-	_	90	736	409	_	159	61.	575	_	1,200
No. for which costs estimated		~	6	_	_	-	_	1	1	2	_	1	1	1	_	1
No. in service - cost = zero		_	_	_	1	_	_	_	_	_	_	-	_	-	-	-
No. in authorized status - cost -	zero	-	_	-	_	_	_	_	_	_	0-0	-	_	_	-	-

Sheet __ 3 of 10

NEW INTERSTATE ROUTE NO. 90

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

101 101 101 101 101 101 101 101 101 Old Interstate route number 101 101 101 101 101 Route identification (Code 1 or 2) 1 1 27.1-A27.2A27.2-A28.1A28.1-A28.7A282-A29.1 A29.1-A29.7 A20-A21 A21-A22.1 A22.1-A22.2A22.2-A23 A23-A24.1 A24.1-A24.2A24.2-A24.3A24.3-A25 A25-A26 A26-A27.1 Section Section length, miles (0.1 mile) 1.6 3.6 6.1 1.5 6.7 1.0 2.5 Class: Rural or Urban R R R R R R R U R $_{R}$ R Location: Existing, new, or toll N E N E E N N N И N N E No. Lanes to be constructed this estimate 2 2 2 No. through traffic lanes 2 2 2 22 23 22 22 23 23 Finance code 23 23 23 23 23 23 23 22 22 ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 7. R.R. grade separations Cost 111 393 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 8. Highway grade separations without 63 ramps Cost 32 100 111 60 57 No. for which costs estimated 1 No. in service - cost = zero No. in authorized status - cost = zero 9. Interchanges, complete 257 203 Cost 158 203 220 511 176 222 208 200 No. for which costs estimated 2 No. in service - cost = zero No. in authorized status - cost = zero 10. Other bridges: tunnels Cost 157 105 453 No. for which costs estimated 2 No. in service - cost = zero No. in authorized status - cost = zero Total structures Cost 203 190 283 668 176 846 1. 1 2 3 3 2 No. for which costs estimated 2 3 4 4 No. in service - cost = zero No. in authorized status - cost = zero

Sheet __ 4 of 10

NEW INTERSTATE ROUTE NO. 90

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

No. in authorized status - cost = zero

101 101 101 101 101 Old Interstate route number 101 101 101 101 Route identification (Code 1 or 2) 1 A29.2-A29.3A29.3-A30 A30-A31 A31-A32 A32-A33 A33-A34 A34-A35 A35-A36 A36-A37 A37-A38 Section A38-B1 B1-B2.1 B2.1-B2.2 B2.2-B3 B3-B4 Section length, miles (0.1 mile) 7.4 0.9 5.7 5.8 5.6 2.6 4.5 4.2 5.4 5.4 2.0 4.6 7.6 1.0 3.4 Class: Rural or Urban R R R R R R R R R R R R R Location: Existing, new, or toll E N No. Lanes to be constructed this estimate 4 4 4 4 4 2 2 2 No. through traffic lanes 2 22 22 22 23 23 22 22 Finance code 23 22 22 23 23 23 23 23 WORK CLASSIFICATION ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES Item No. from Table C 7. R.R. grade separations Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 8. Highway grade separations without 103 197 Cost ramps No. for which costs estimated No. in service - cost = zero 2 No. in authorized status - cost = zero 158 123 287 159 9. Interchanges, complete 215 Cost 83 248 203 158 430 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 102 90 107 10. Other bridges: tunnels 425 657 Cost No. for which costs estimated 1 1 No. in service - cost = zero No. in authorized status - cost = zero 90 225 266 Total structures 430 83 1078 1375 203 849 409 Cost 2 1 No. for which costs estimated 2 5 No. in service - cost = zero

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BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

	1	T	1	2.02	202	1 202	202	202	1 202	1 202	1		1	1	1
Old Interstate route number	101	101	101	101	101	101	101.	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1]	1	1	1
Section	B4-B5.1	B5.1-B5.2	B5.2-B6	B6-B7	B7-B8	B8-B9	B9-B10	B10-B12.3	B12.3-B13	B13-B14.1	B14.1-B14.2	B14.2-B15	B15-B16	B16-B17.1	B17.1-B17.
Section length, miles (O.1 mile)	3.1	3.1	3.8	3.6	3_6	1.6	7.5	=	5.8	7.1	5.3	4.0	3.5	2.9	7.8
Clase: Rural or Urban	R	R	R	R	R	R	R	G20.1-G21	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	N	N	E		N	N	N	N	N	E	N
No. Lanes to be constructed this estimate	2	2	2	2	4	4	4	(See	4	4	4	4	2	2_	4
No. through traffic lanes	2	2	2	2	4	4	4	FAT 15)	4	4	4	4	2	2	4
Finance code	23	23	23	22	23	23	22		23	23	23	23	23	22	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
Item No. from															
Table C															
7. R.R. grade separations Cost	-	131	-	_	-	178	127		_	-	260	_	-		_
No. for which costs estimated	-	1	-	_	_	1	1		_	-	1	_	_		_
No. in service - cost = zero	-	-	-	-	_	_	_		_	_	_	_		-	_
No. in authorized status - cost = zero	-	-	-	-	_	-	_		-	-	_	_	-	-	_
8. Highway grade separations without				}								110			
ramps Cost	44		42		_	-			57	57	57	113	_		57
No. for which costs estimated	1	-	1	_	-	-	_		1	1	1	2	_	-	1
No. in service - cost = zero	-	-	_	-		_	_		-	_	_	-	_	-	_
No. in authorized status - cost = zero	_	-	-	-	_	-	-		-	-	_	-	-	_	_
9. Interchanges, complete Cost	_	_	176	_	218	200	248	B E	108	_	250	205		159	108
No. for which costs estimated	_	_	1	_	1	1	1	[1]	1	_	1	7	_	1	1
No. in service - cost = zero	_	_		_				H		_			_		
No. in authorized status - cost = zero	_	_	_	_		_	_		_	_	_	_	_	_	_
								DENT							
10. Other bridges: tunnels Cost	20		20	57	26	649		IDE IDE			_	56	aports.	_	102
No. for which costs estimated	1	-	1	1	1	_	_	COINC	_	-	_	1	_	desh	1
No. in service - cost = zero	-	-	_		-	-	_	HO	_	-	-	_	-		-
No. in authorized status - cost = zero	-	-	-		_	_		Ö	_	_	-	-	- Species	0.00	-
Total structures Cost	64	131	238	57	244	378	375		165	57	567	374	ona	159	267
No. for which costs estimated	2	1	3	1	2	2	2		2	1	3	4	_	1	3
No. in service - cost = zero												-4	_		
No. in authorized status - cost = zero				_	_	_	_		_	_	_	_	_		
2010			-	_	_	-	-		_	_	_	_	_		_

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO.

101 101 Old Interstate route number 101 101 101 101 Route identification (Code 1 or 2) ٦ ٦ 3 ٦ ٦ C2-C3.1 C3.1-C3.2 C3.2-C4.1 C4.1-C4.2 C4.2-C5.1 C5.1-C5.2 C5.2-C6 C6-C7.1 Section B17.2-B18 B18-C1 C1-C2 C7.1-C7.2 C7.2-C8.1 C8.1-C8. C8.2-C9 Section length, miles (O.1 mile) 3.0 8.8 1.0 3.0 3.8 2.5 3.5 1.5 8.1 1.0 1.9 3.1 3.7 Class: Rural or Urban R R R R R R R R R U R R R Location: Existing, new, or toll E No. Lanes to be constructed this estimate 4 No. through traffic lanes 23 23 23 23 23 23 Finance code 23 23 22 22 22 WORK CLASSIFICATION ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES Item No. from Table C 7. R.R. grade separations Cost 250 247 120 No. for which costs estimated 2 No. in service - cost = zero No. in authorized status - cost = zero 8. Highway grade separations without Cost ramps 106 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 9. Interchanges, complete Cost 213 258 213 391 250 197 221 190 255 No. for which costs estimated 1 1 No. in service - cost = zero No. in authorized status - cost = zero 10. Other bridges: tunnels Cost 396 455 86 429 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero Total structures 609 499 190 Cost 1060 299 509 600 No. for which costs estimated 2 3 No. in service - cost = zero No. in authorized status - cost = zero

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BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	101	7	7	1	1	1	1	1	1	1	1	1	1	1	101
Section Section	C9-C10	C10-C11	C11-C12 1	C12.1-C12.2	C12.2-C13	C13-C14	C14-C15.1	C15.1-C15.2	C15.2-C15.3	C15.3-D1	D1-D2	D2-D3.1	D3.1-D3.2	D3 2-D/ 1	D4.1-D4.2
Section length, miles (0.1 mile)	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.1	0.4	13.6	3.5	5.7	2.9	10.4
Class: Rural or Urban	R	R.	R	Ŭ	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	N	N	N	N	E	E	E	E	E	N	E	N	E
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
No. through traffic lanes	4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
Finance code	22	22	23	23	23	23	22	22	22	22	22	23	22	23	22
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTU	RES					132
	}			}	}									}	and the second
Item No. from								1	1						
Table C															
7. R.R. grade separations Cost			_	_	_	_		_	_	_	_	_	_	-	_
No. for which costs estimated		_	_	_	_	_	_	_	-	-	_	-	_		_
No. in service - cost = zero	_		_	_	_	_	_	_	_	-	_	_	_	_	-
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_		_
8. Highway grade separations without		1]						
ramps Cost						111	_	_	_	_	-	62	_	_	_
No. for which costs estimated	_	que.	_	_	_	1	_	-	-	_	_	1	_		_
No. in service - cost = zero	_	_	_	_	-	_	_	_	_	-	~	_	-		_
No. in authorized status - cost = zero	_		_	_	_	_	_	_	_	-	_	_			_
9. Interchanges, complete Cost	168	-	573	_	_	_	422	_	_	158	158	158	172	158	-
No. for which costs estimated	1	-	2	-	-	-	2	_	-	1	1	1	1	1.	-
No. in service - cost = zero	_	_	_	_	_	_	_	1	1	-	_	_	_	-	-
No. in authorized status - cost = zero	_	_	_	-	_	_	_	_	_	_	_	-	_	wild	_
10. Other bridges: tunnels Cost	-		_	-	_	_	_	_	_	-	-	313	90	25	89
No. for which costs estimated	-	-	_	_	_	_		_	-	-	-	2	2	1	2
No. in service - cost = zero	_	_	-	_	_	_	_	1	_	-	_	_	_	_	_
No. in authorized status - cost = zero	_	_	_	_	1	_	_		_	_	_	_	_	-	_
Total structures Cost	168	_	573		_	111	422	_	_	158	158	533	262	1.83	89
No. for which costs estimated	1	_	2	_	-	1	2	-	-	1	1	4	3	2	2
No. in service - cost = zero	_	-	_	_	_	-	_	2	1	-	-	-	_	-	-
No. in authorized status - cost = zero	-	-	-		1	_	-	-	-	-	-	-	-	_	-

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

Sheet 8 of 10

			 							· · · · · · · · · · · · · · · · · · ·			1		
Old Interatate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	11	11	1	1	1 1	1	1		1		1	1	1	1	1
Section	D4.2-D5.	D5.1-D5.2			D6-D7.1	D7.1-D7.2	D7.2-D.8	_D8-D9	D9-D10.1	D10.1-D10.2			D12-D13.1	D13.1-D132	D13.2-D14
Section length, miles (0.1 mile)	1.0	0.3	1.8	2.7	2.4	2.0	6.2	7.8	9.5	3.6	3.5	4.6	4.1	1.8	6.4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	N	E	E _	N	N	E	N	N	N	E	E
No. Lanes to be constructed this estimate		2	4	2	2	_2	2	4	2	2	4	44	4	4	4
No. through traffic lanes	2	2	4	2	2	2	2	4	2	2	4	4	4	4	4
Finance code	23	23	23	22	23	22	22	23	23	22	23	23	23	22	22
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	O Dollars)	AND NUMBER	OF STRUCTU	RES					
Item No. from Table C 7. R.R. grade separations Cost	_	_	_	_	94	_	_	_		_	_	311		_	_
No. for which costs estimated	_	_		_	1	_	_	_	_	_	_	2	_	_	_
No. in service - cost = zero	_	_	i _	_		_	_	_	_	_	_	_~	_	_	_
No. in authorized status - coat = zero	_	_	_	_	_	_	_	_	_	_	_	_	_ :	_	
8. Highway grade separations without				i			ĺ								
ramps Cost	51	_	_	_	51	33	_	_	_	_	_	240	_	_	_
No. for which costs estimated	1	_	_	_	î	1	_		_	_	_	2	_	_	_
No. in service - cost = zero		_	_	_	_		_	_	_	_	_	~		_	
No. in authorized status - cost = zero	_	_	_	_			_	_		_				_	2
				_	-		_	_			_	_		_	~
9. Interchanges, complete Cost	_	_	260	_	_	_	_	423	158	165	_	_	475	_	_
No. for which costs astimated			2	_			_	2	1	1			2		_
No. in service - cost = zero	_	_			_	_	-				_	-	2	-	-
No. in authorized status - cost = zero	_	_	-	<u> </u>	_	-	-	-	-	-	-	_	_	_	-
2010	_	_	-	-	_	_	-	-	_	-	-	-	_	-	-
10. Other bridges: tunnels Cost	-	_			316	50	-	220	165	60	-	-	68	35	_
No. for which costs estimated	-	-	_	-	1	ı	-	2	3	1	-	-	1	1	-
No. in service - cost = zero	-	-	_	_	-	-	-	-	_	-	_	_	_	-	-
No. in authorized status - cost = zero	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Total structures Cost	51		260		461	83	-	643	323	225	-	551	543	_35	_
No. for which costs estimated	1	-	1	-	3	2	-	4	4	2	_	4	3	1	-
No. in service - cost = zero	-	_	_	_	_	_	_	_ `	_	_	_	_	_		_
No. in authorized status - coat = zero	_	_	_	_	_	_	_	_	_	_	_	_	_	_	4
	1														
					4				L						

Sheet <u>9 of 10</u>

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

		T-	1			·			 						
Old Interstate route number	101	101	101	103	103	103	103	103	103	103	103	103	103	103	103
Route identification (Code 1 or 2)	1	1	1	1	1	11	1	1	1	1	11	1	1	1	1
Section	D14-D15.1	D15.1-D15	2 D15.2-D16		M2-M3	M3-M4	M4-M5	M5-M6	M6-M7	M7-M8	M8-M9	M9-M10	M10-M11	M11-M12	M12-M13
Section length, miles (0.1 mile)	4.6	1.4	3.4	11.1	1.0	2.9	2.1	4.3	7.5	9.5	6.0	2.4	0.7	5.1	0.9
Clasa: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	N	N	N	N	N	N	E	N	E	E	E	E
No. Lanes to be constructed this estimat	e 4	4	4	4	4	2	4	4	2	2	2	2	4	2	4
No. through traffic lanes	4	4	4	4	4	2	4	4	2	2	2	2	4	2	4
Finance code	23	23	23	23	23	23	23	23	23	22	23	22	22	22	_22
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
Item No. from Table C 7. R.R. grade separations Cos	t 129	_		_	_	_	_	_	89	_	128	_			_
No. for which costs estimated	1	_	_	_	_	_	-	_	ĺ	_	2	-	-	-	_
No. in service - cost = zero	_	_		_	_	_	_	_	-		-	_	_	_	_
No. in authorized status - cost = zero	_	_		_	_	_	_	_	_	_	_	_	_	_	_
8. Highway grade separations without							;								i
ramps Cos	t 181	_	261	_	_	_	_	_	_	40	72	_	_	_	_
No. for which costs estimated	2	_	2	_	-	 	_	_	_	i	i	_	_		_
No. in service - cost = zero	_~	_		_	_	_	_	_	_			_	_		_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
			1												
9. Interchanges, complete Cos	t 439	297	261	618	_	_	_	_	205	_	317	_	_	_	
No. for which costs estimated	2	1	· · · · · · · · · · · · · · · · · · ·			 			1	_	2				
No. in service - cost = zero	2		1	3	_	-	_	_		1		_		_	1
No. in authorized status - cost = zero	_	_	_	-	-	-	-	_	_	-	-	_	1 +	_	l +
	_	-	-	_	-	_	-	-	-	_	-	-	_	_	_
10. Other bridges: tunnels Cos	t -	977	_	122	_	_	_	_	_		371	_	_	_	_
No. for which costs estimated	_	1	_	2	_	_		_		_	2	_	_	_	_
No. in service - cost = zero	_		_	ľ				i -		_	~	_	_	_	1
No. in authorized status - cost = zero	_	1 -		_		_		_						[
3010	_	_	_	_	_	_	_	-	_	_	_	_			
Total structures Cos	t 749	1274	522	740	_	_	_	_	294	40	888	_	_	_	_
No. for which costs estimated	5	2	3	5		-	 		2	1	7		_	_	_
No. in service - cost = zero			}	1	-	-	_	_			_'		1	_	2
No. in authorized status - cost = zero	_	_	-	-	<u> </u>	-	-	_	-	_	-	_	1		2
Zero	_	_	-	_	_	_	-	-	_	_	_	_	_	_	_

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

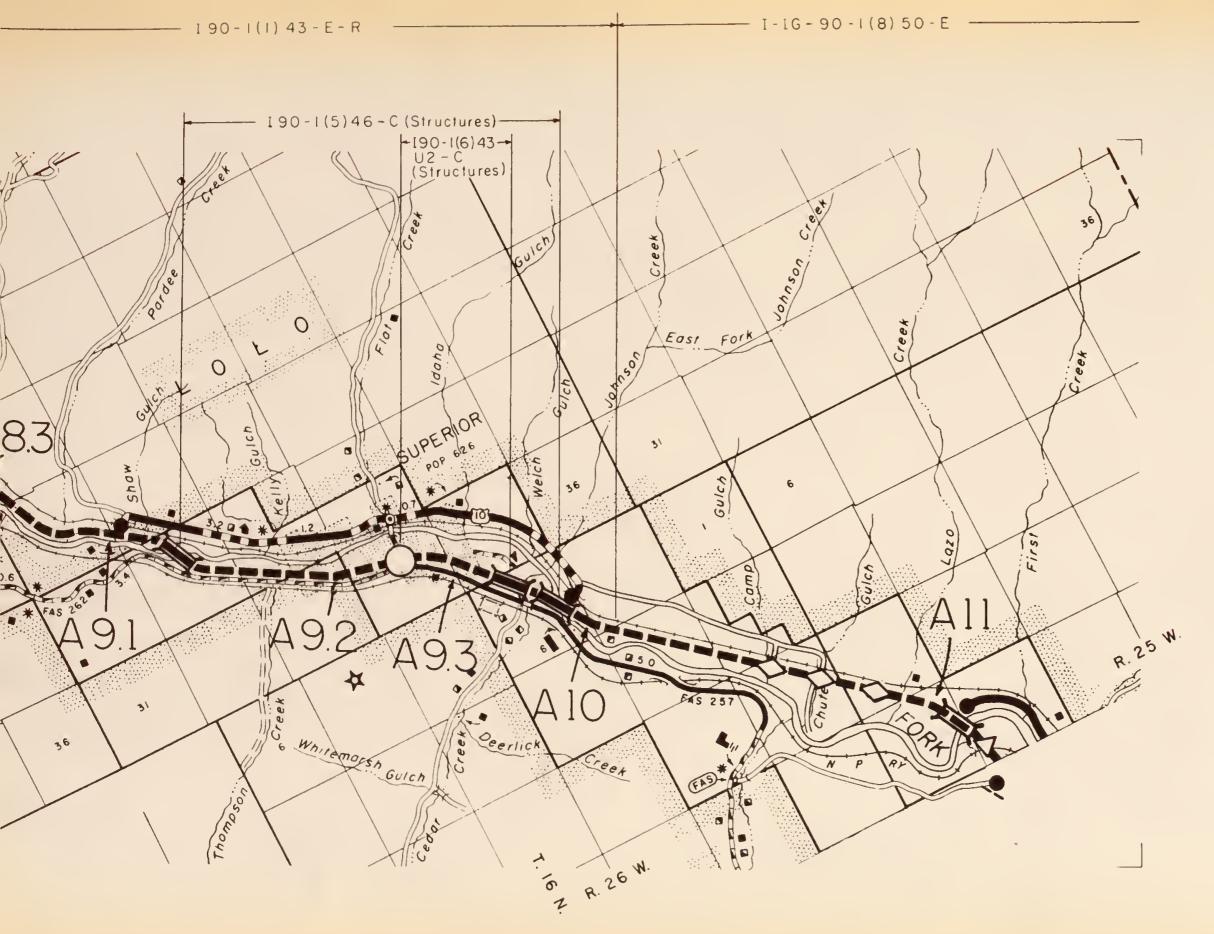
Old Interestate route number 103
Section Sect
Section length, mikes 0.1 miles 0.1
Class: Rure) or Urban
Location: Existing, new, or toll
No. Lines to be constructed this estimate
No. through traffic lanes
Finance code
Liem No. from Table C Cost
Table C T. R.R. grade separations Cost
Table C T. R.R. grade separations Cost
7. R.R. grade separations No. for which costs estimated No. in service - cost - zero No. in authorized status - cost - zero R. Highway grade separations without ramps No. for which costs estimated No. in service - cost - zero No. in authorized status - cost - zero No. in authorized status - cost - zero No. in service - cost - zero No. in service - cost - zero No. for which costs estimated No. in service - cost - zero No. in service - cost - zero No. for which costs estimated No. in service - cost - zero
No. for which costs estimated No. in service - cost - zero
No. for which costs estimated No. in service - cost - zero No. in authorized status - cost - zero No. in authorized status - cost - zero No. in authorized separations without ramps No. for which costs estimated No. in service - cost - zero No. in authorized status - cost - zero No. in authorized status - cost - zero No. in service - cost - zero 1 1
No. in service - cost - zero
8. Highway grade separations without ramps No. for which coats estimated No. in service - cost = zero No. in authorized status - coat = zero 1 1
No. for which coats estimated No. in service - cost = zero No. in authorized status - coat = zero No. in service - cost estimated No. for which costs estimated No. for which costs estimated No. for which costs estimated No. in service - cost = zero No. in servi
No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero No. in authorized status - cost = zero No. for which costs estimated No. for which costs estimated No. in service - cost = zero No. in service - cost = zero No. in service - cost = zero No. in authorized status - cost = zero
No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 9. Interchanges, complete Cost
No. in authorized status - coat = zero 9. interchanges, complete Cost
9. Interchanges, complete Cost
9. Interchanges, complete No. for which costs estimated No. in service - cost = zero No. in authorized status = cost = zero No. in authorized status = cost = zero
No. for which costs estimated 1 - 1 - 1 - 80 No. in service - cost = zero 1 8 No. in authorized status = cost = zero
No. for which costs estimated 2 - 1 - 1 - 80 No. in service - cost = zero 1 8 No. in authorized status = cost = zero
No. in service - cost = zero 1 8
No. in authorized status - cost - zero
10. Other bridges: tunnels
No. for which costs setimated 1 1 1 63
No. in service - cost = zero
No. in authorized status - cost = zero
Total structures Cost 310 53 200 140 158 - 36897 1.3 37680
No. for which coats estimated
No. in service - cost = zero 1 1 1 1 1 18
No. in authorized status - cost - zero 2

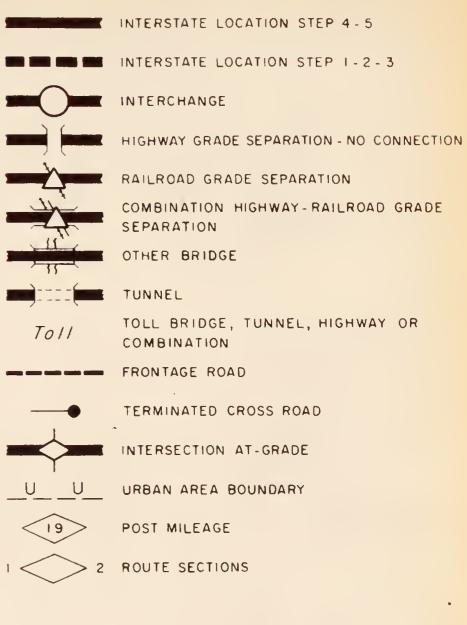
			Date
State:	Name	and Title	
			Date
BPH Division Engineer			, , , , , , , , , , , , , , , , , , ,

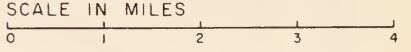
Signatures:







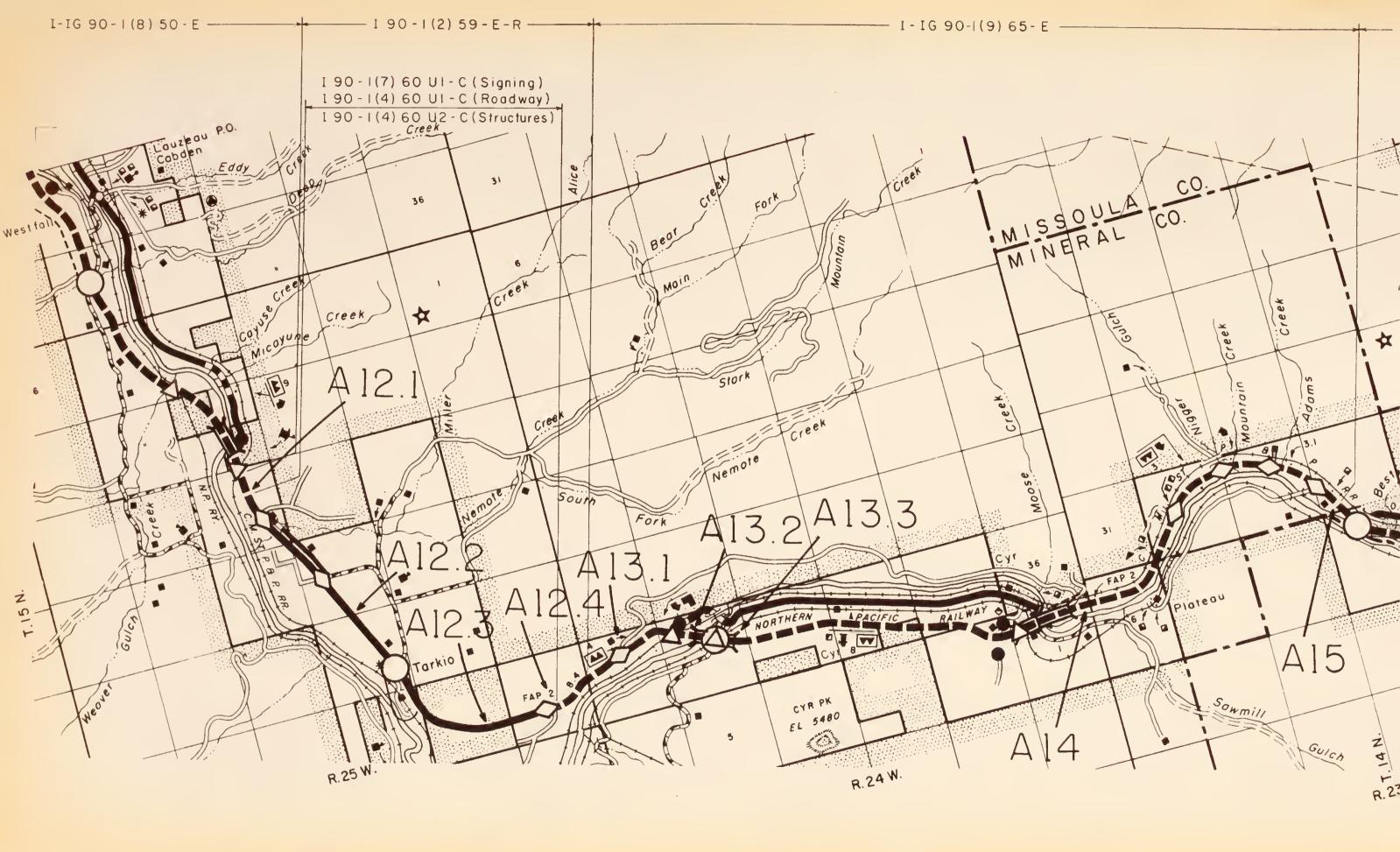


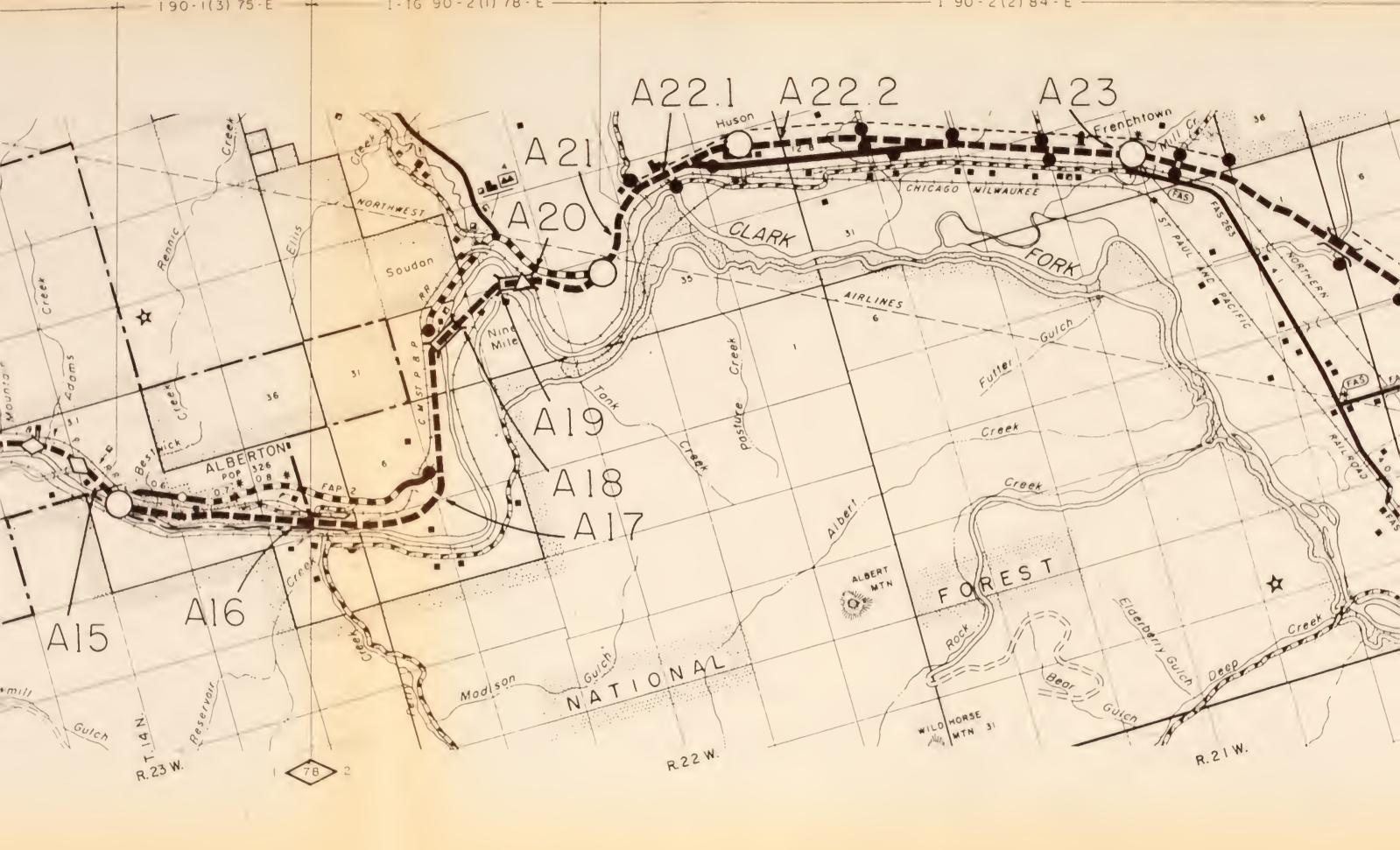


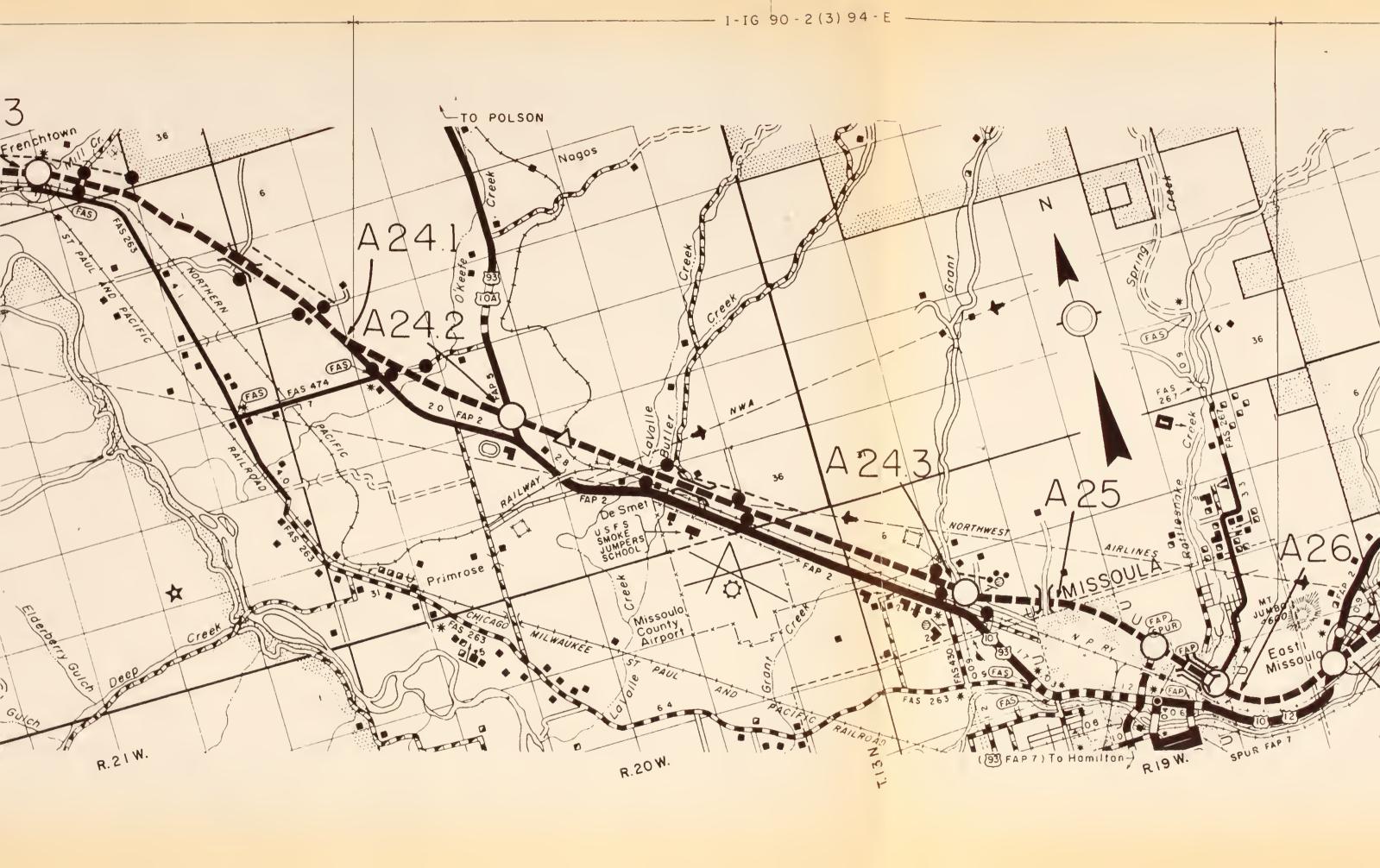
MONTANA

INTERSTATE ROUTE 90 (101)

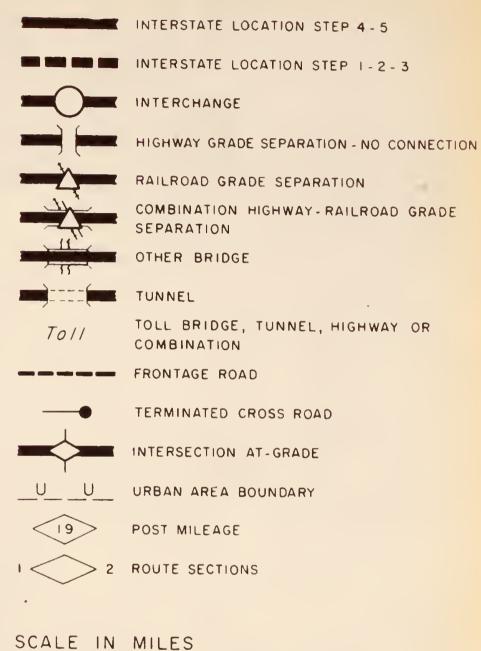
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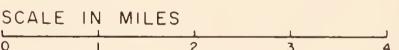
MONTANA

INTERSTATE ROUTE 90 (101)

Sheet 2 of 11



INTERSTATE LOCATION STEP 4 - 5 INTERSTATE LOCATION STEP 1-2-3 INTERCHANGE HIGHWAY GRADE SEPARATION - NO CONNECTION RAILROAD GRADE SEPARATION COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION OTHER BRIDGE TUNNEL TOLL BRIDGE, TUNNEL, HIGHWAY OR To11 COMBINATION FRONTAGE ROAD TERMINATED CROSS ROAD INTERSECTION AT-GRADE URBAN AREA BOUNDARY



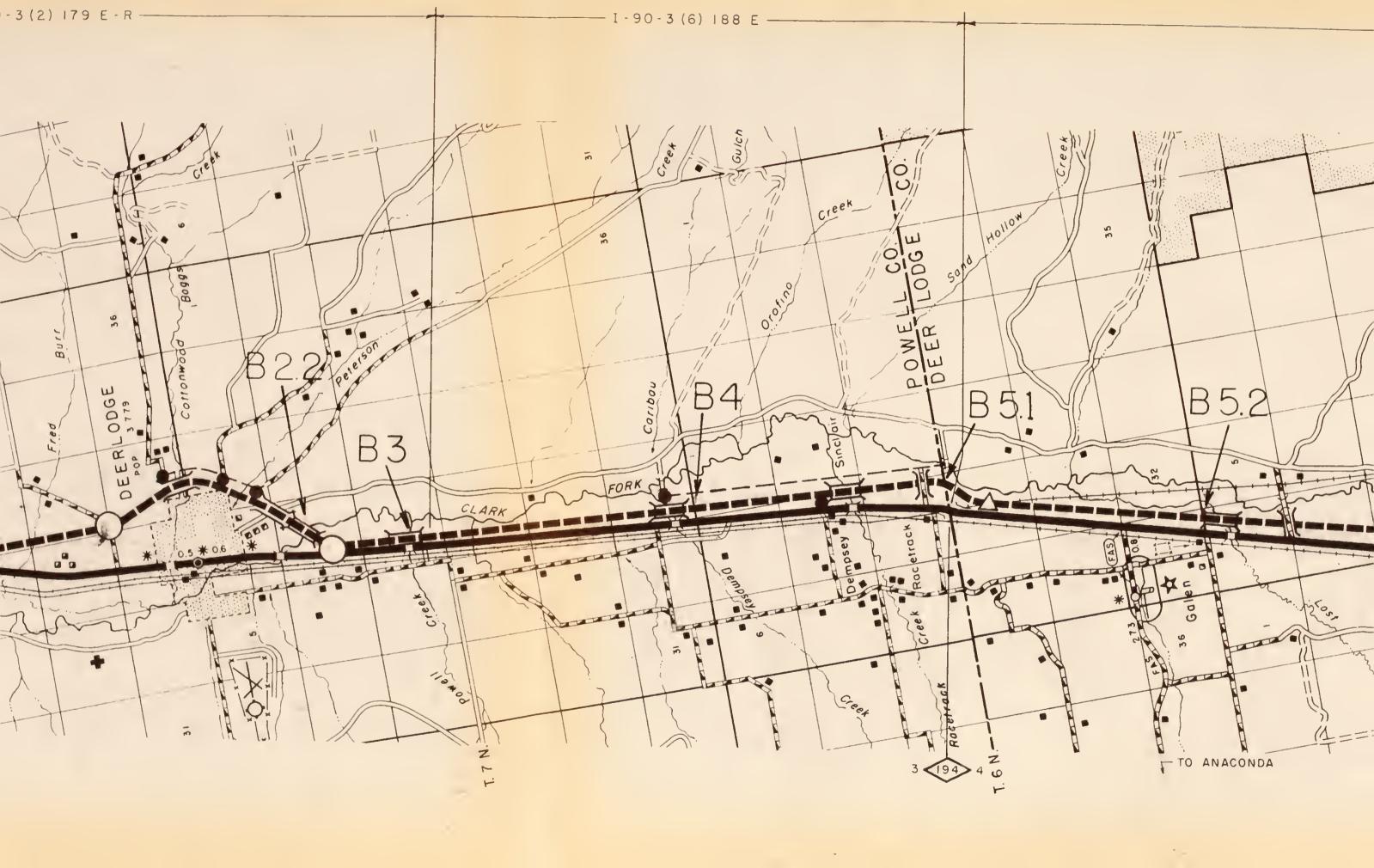
POST MILEAGE

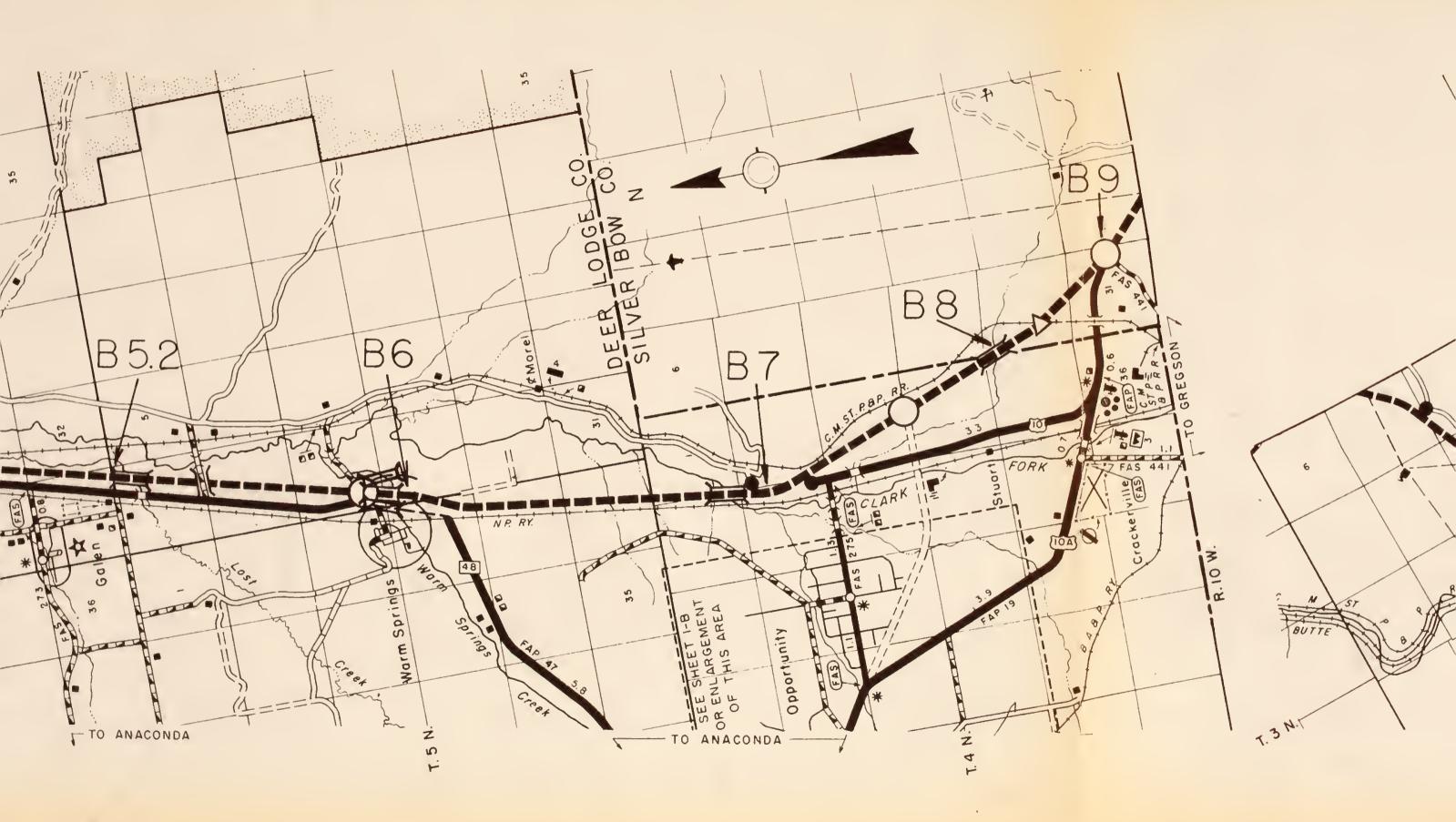
2 ROUTE SECTIONS

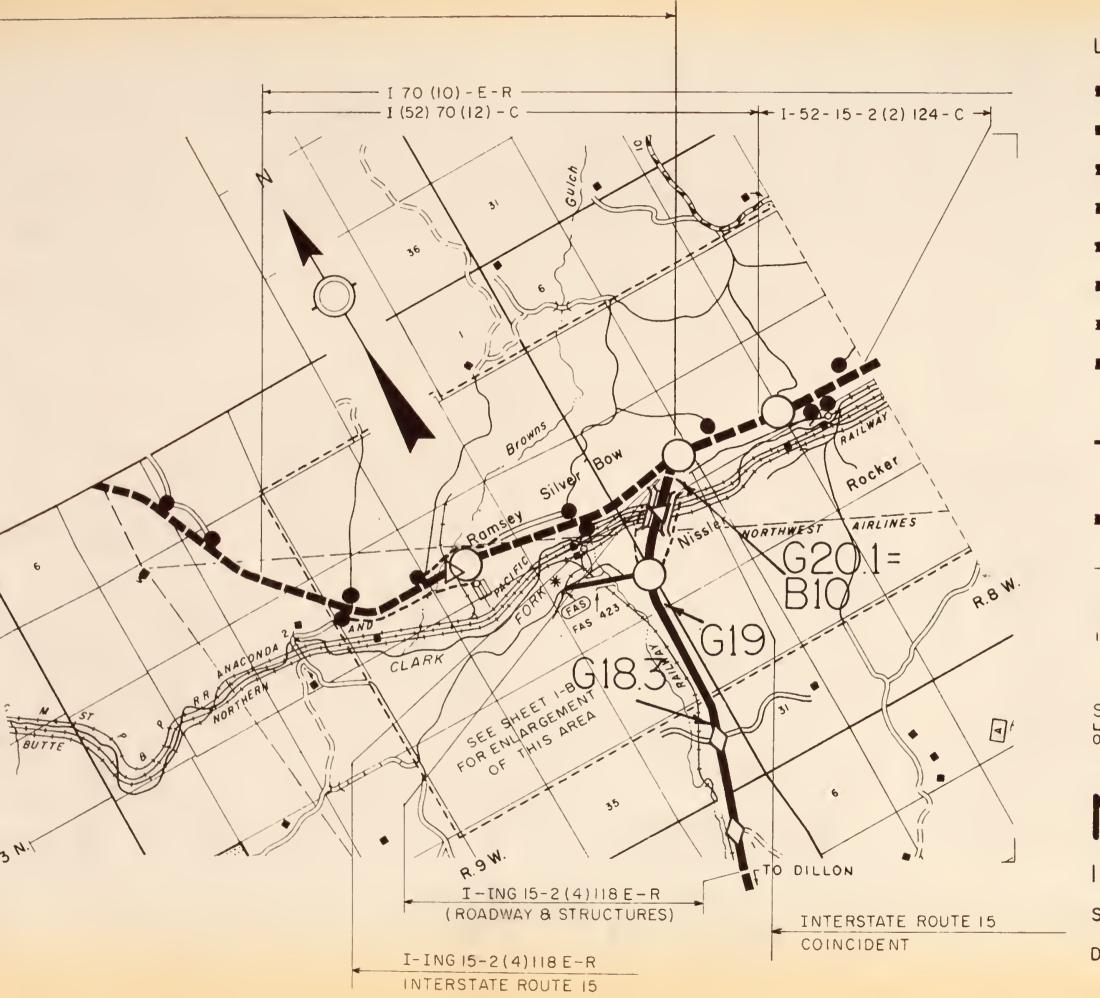
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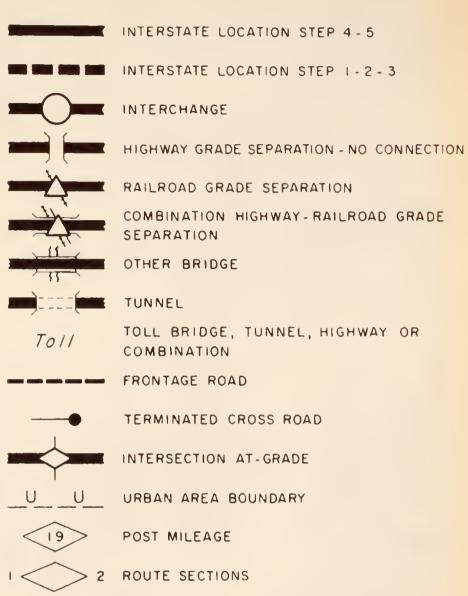
INTERSTATE ROUTE 90 (101)

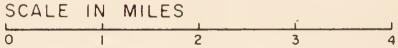
Sheet 3 of 11







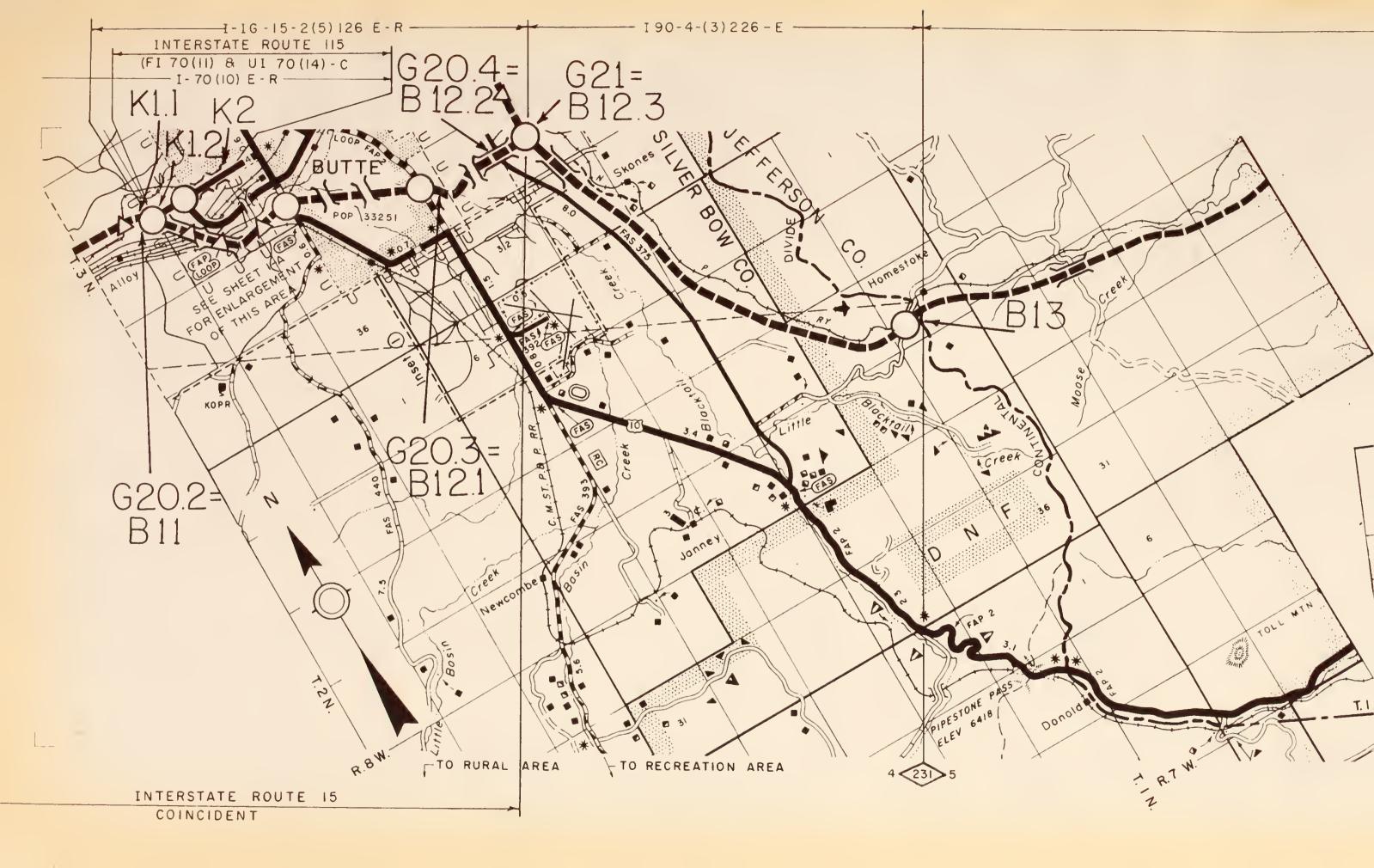


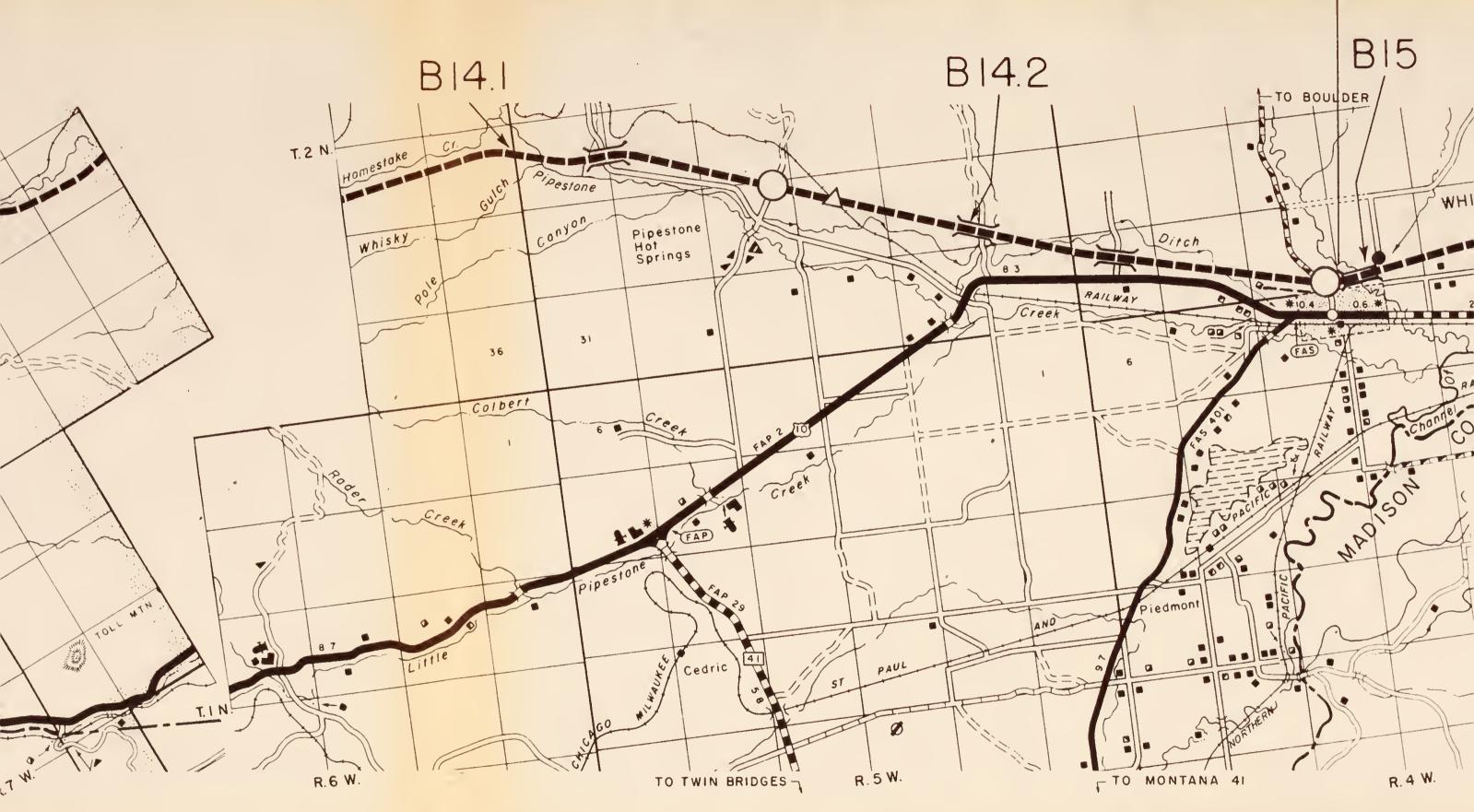


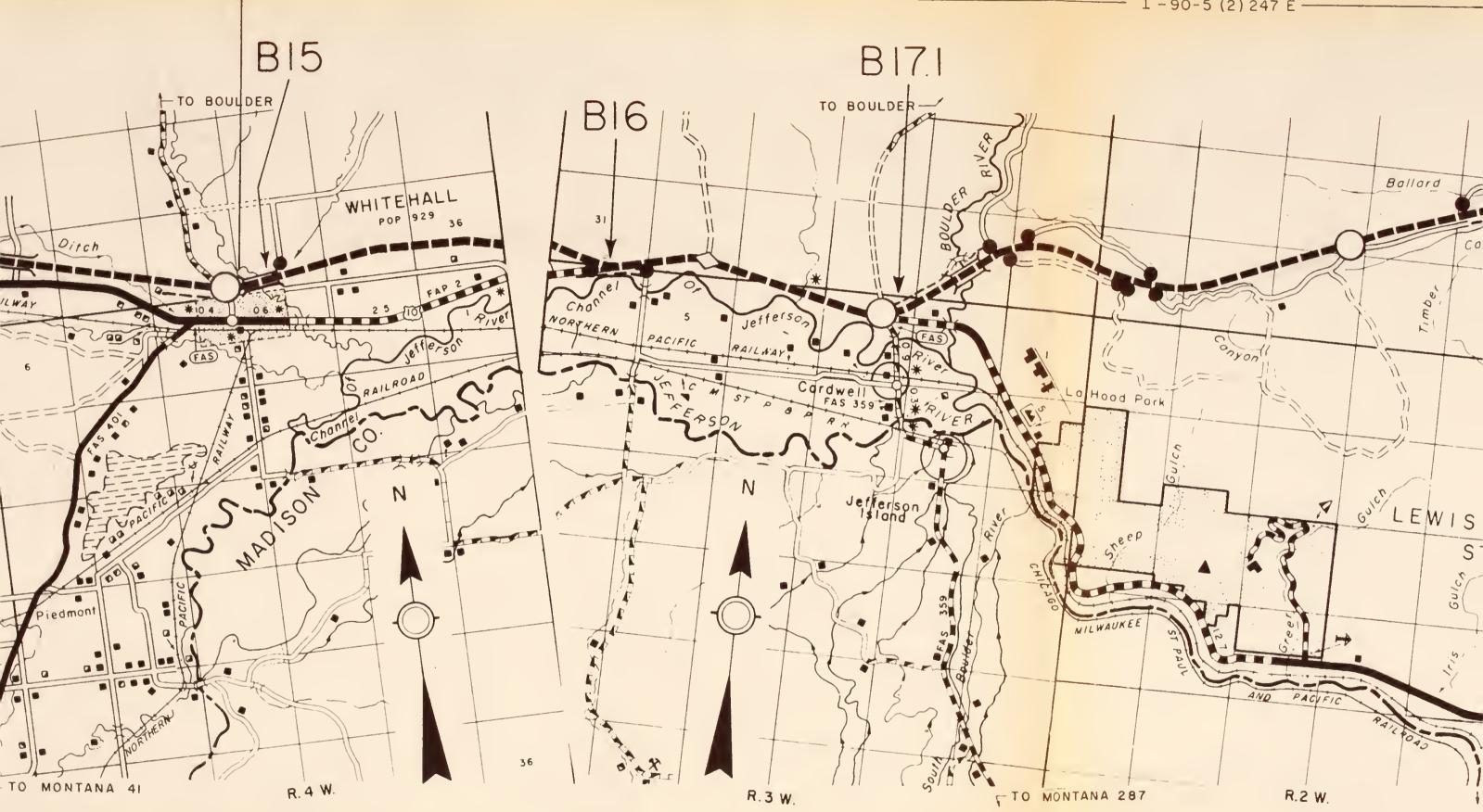
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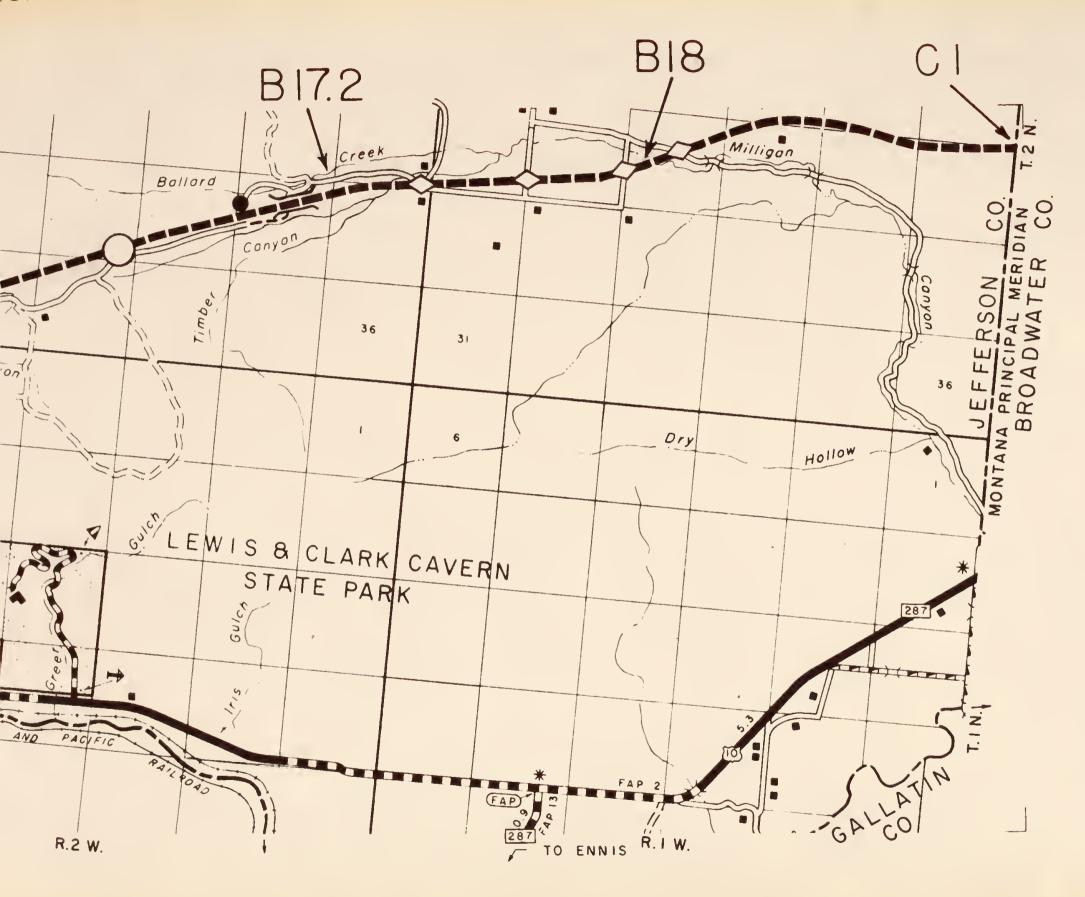
INTERSTATE ROUTE 90 (101)

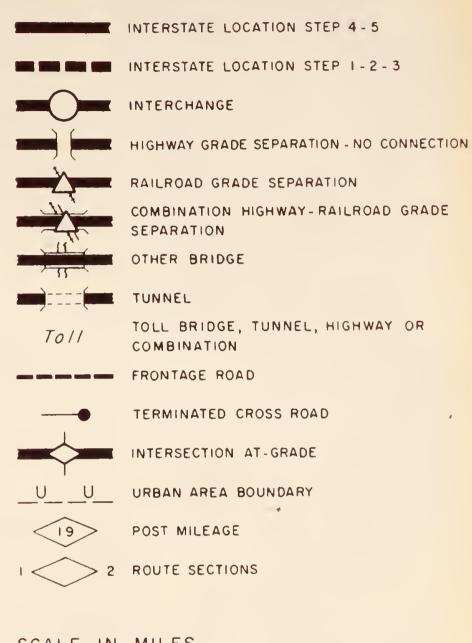
Sheet 4 of 11









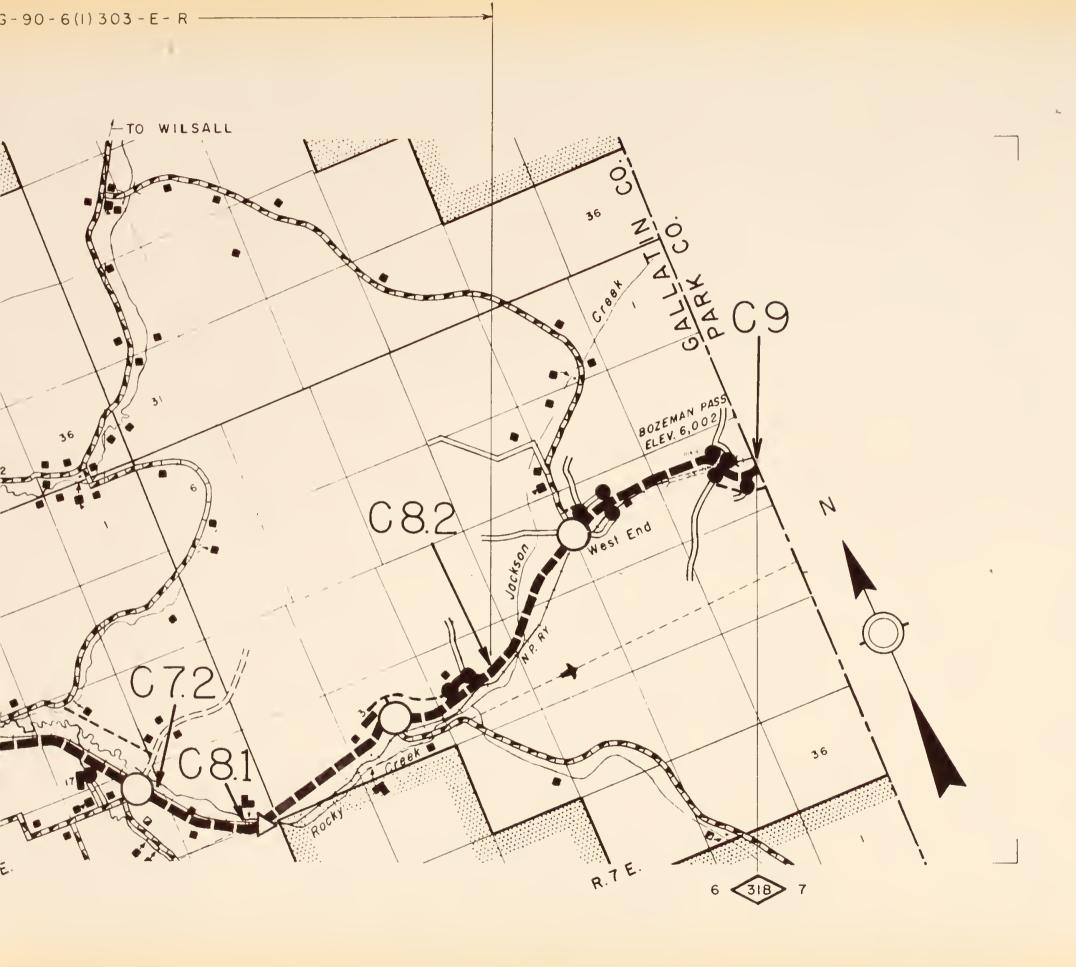


SCALE IN MILES 0 1 2 3 4

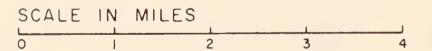
MONTANA

INTERSTATE ROUTE 90 (101)

Sheet 5 of II



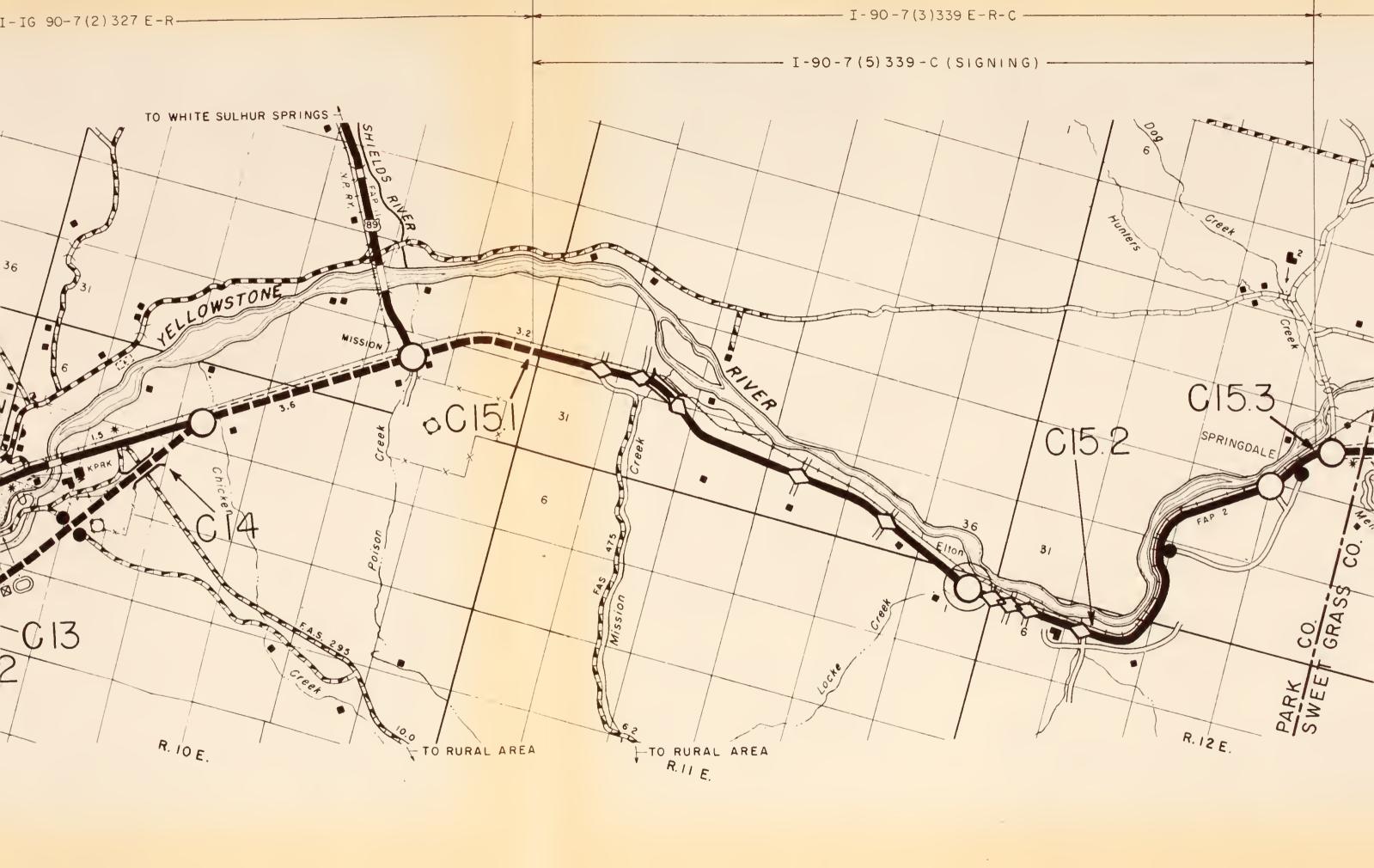
INTERSTATE LOCATION STEP 4-5 INTERSTATE LOCATION STEP 1-2-3 INTERCHANGE HIGHWAY GRADE SEPARATION - NO CONNECTION RAILROAD GRADE SEPARATION COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION OTHER BRIDGE TUNNEL TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION FRONTAGE ROAD TERMINATED CROSS ROAD INTERSECTION AT-GRADE U URBAN AREA BOUNDARY POST MILEAGE 2 ROUTE SECTIONS



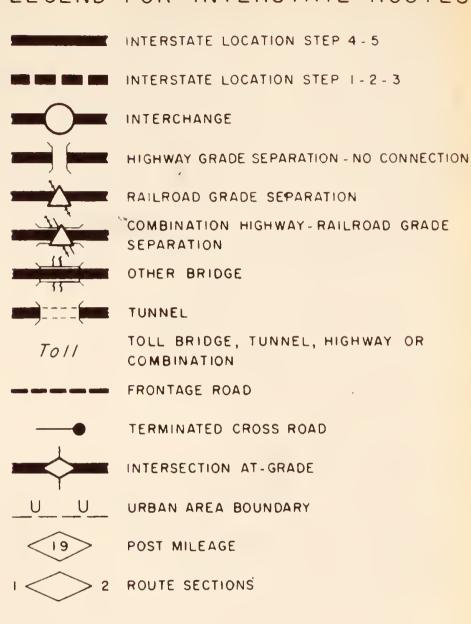
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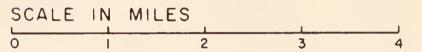
INTERSTATE ROUTE 90 (101)

Sheet 6 of II





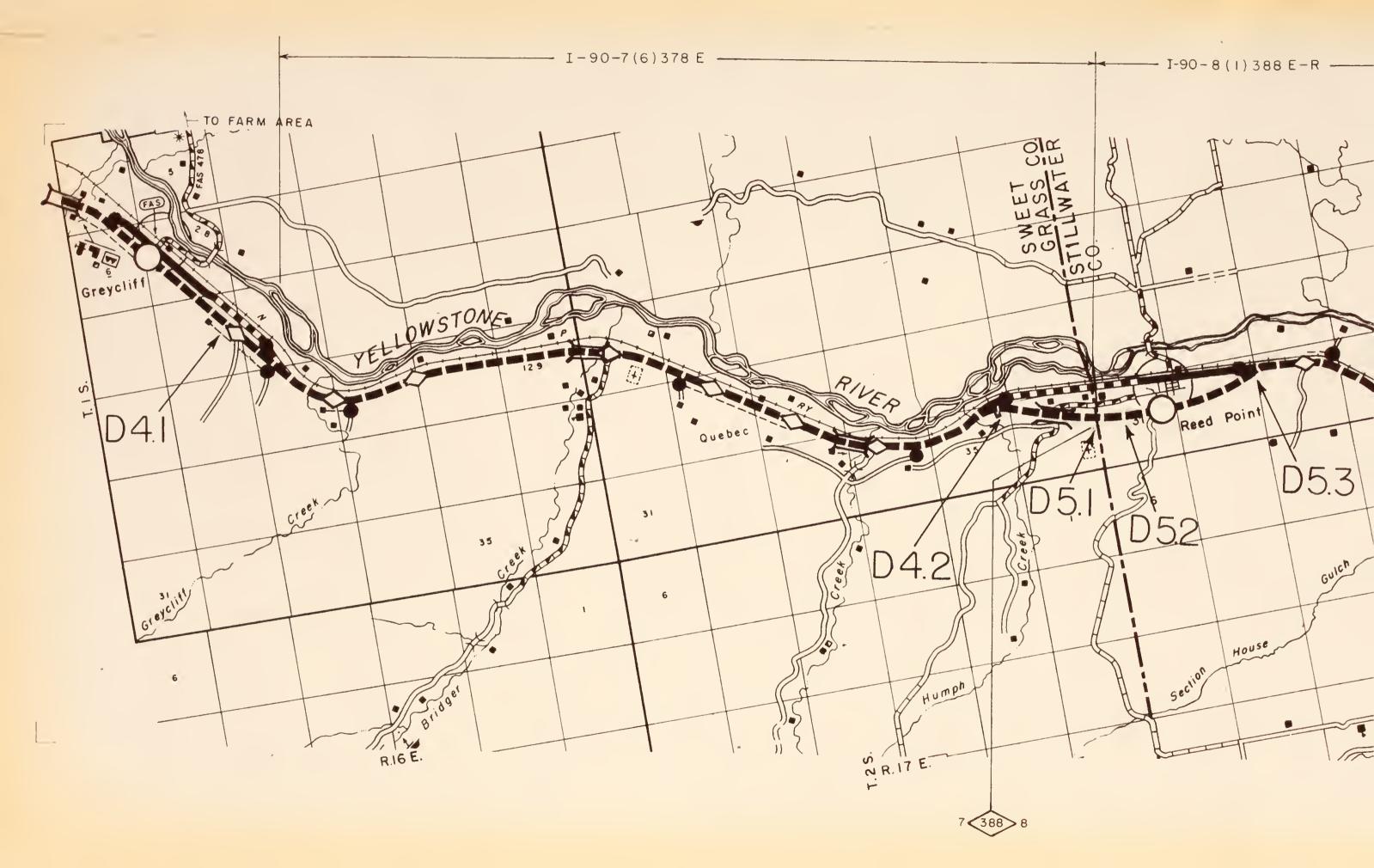


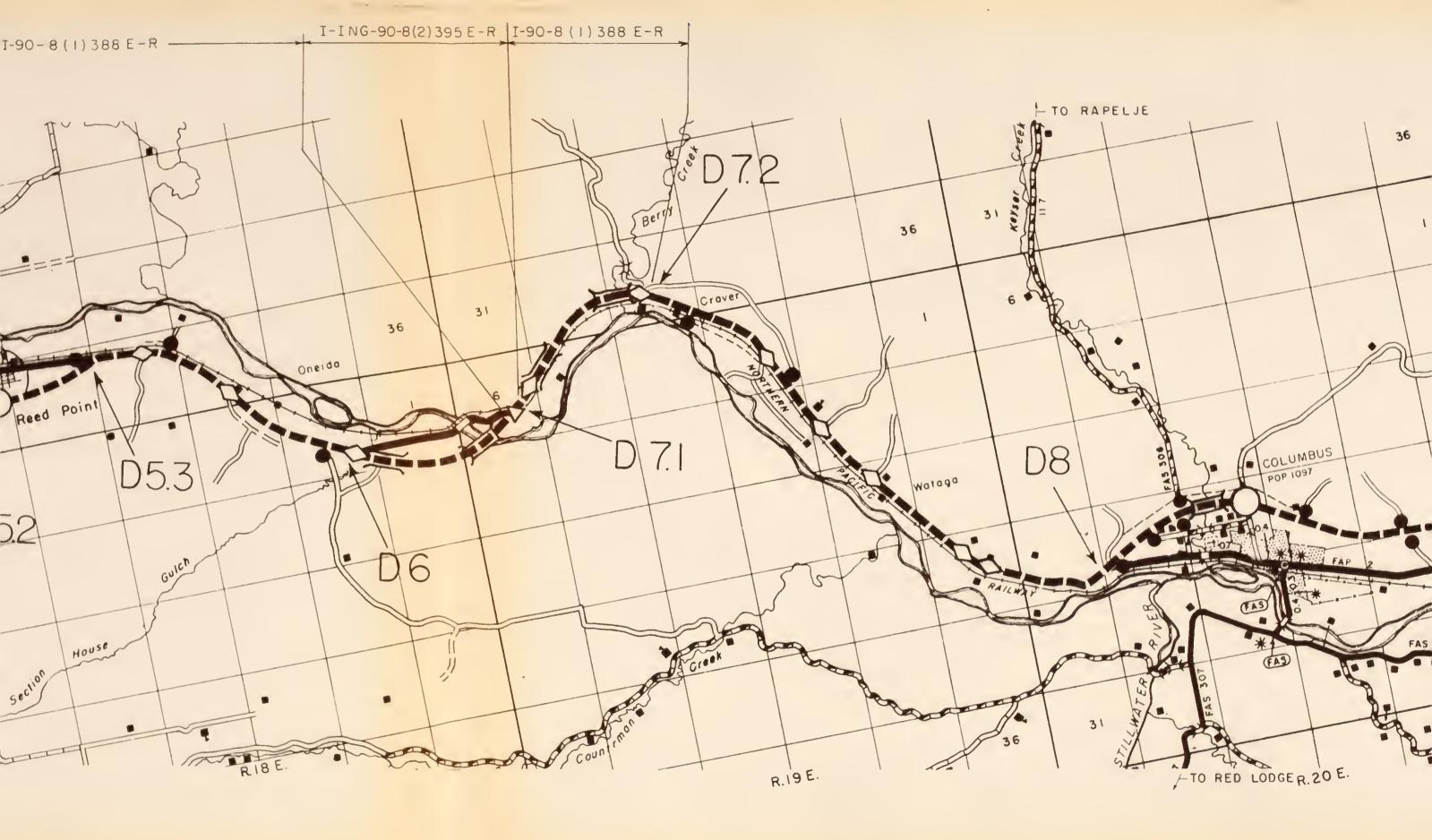


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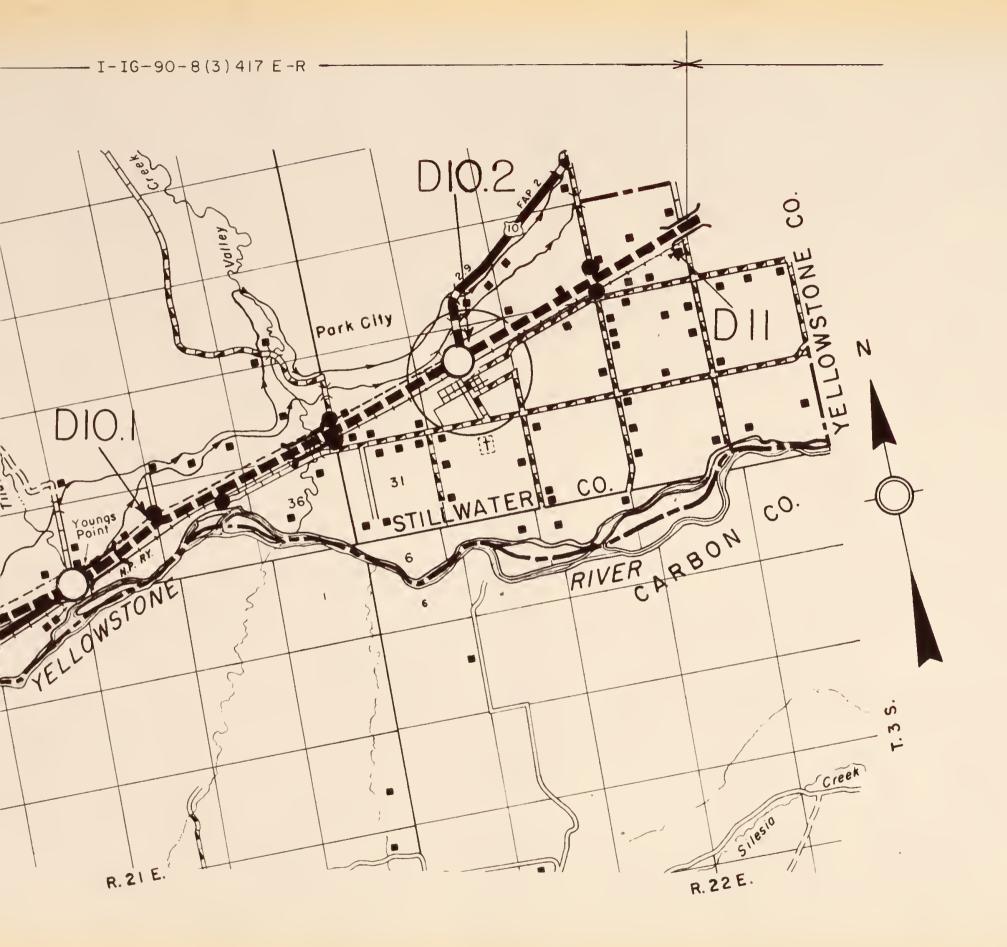
INTERSTATE ROUTE 90 (101)

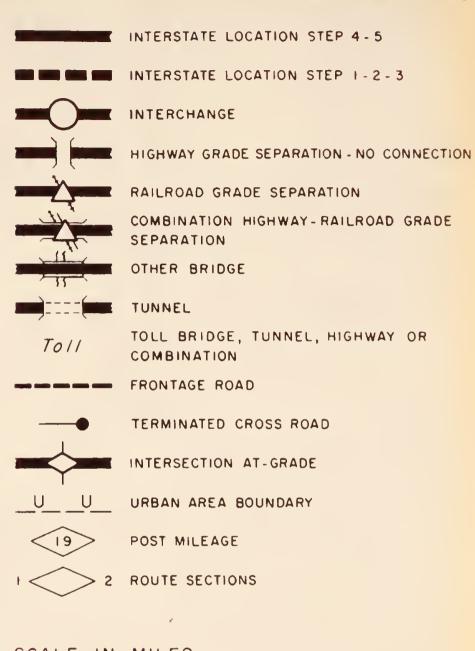
Sheet 7 of 11









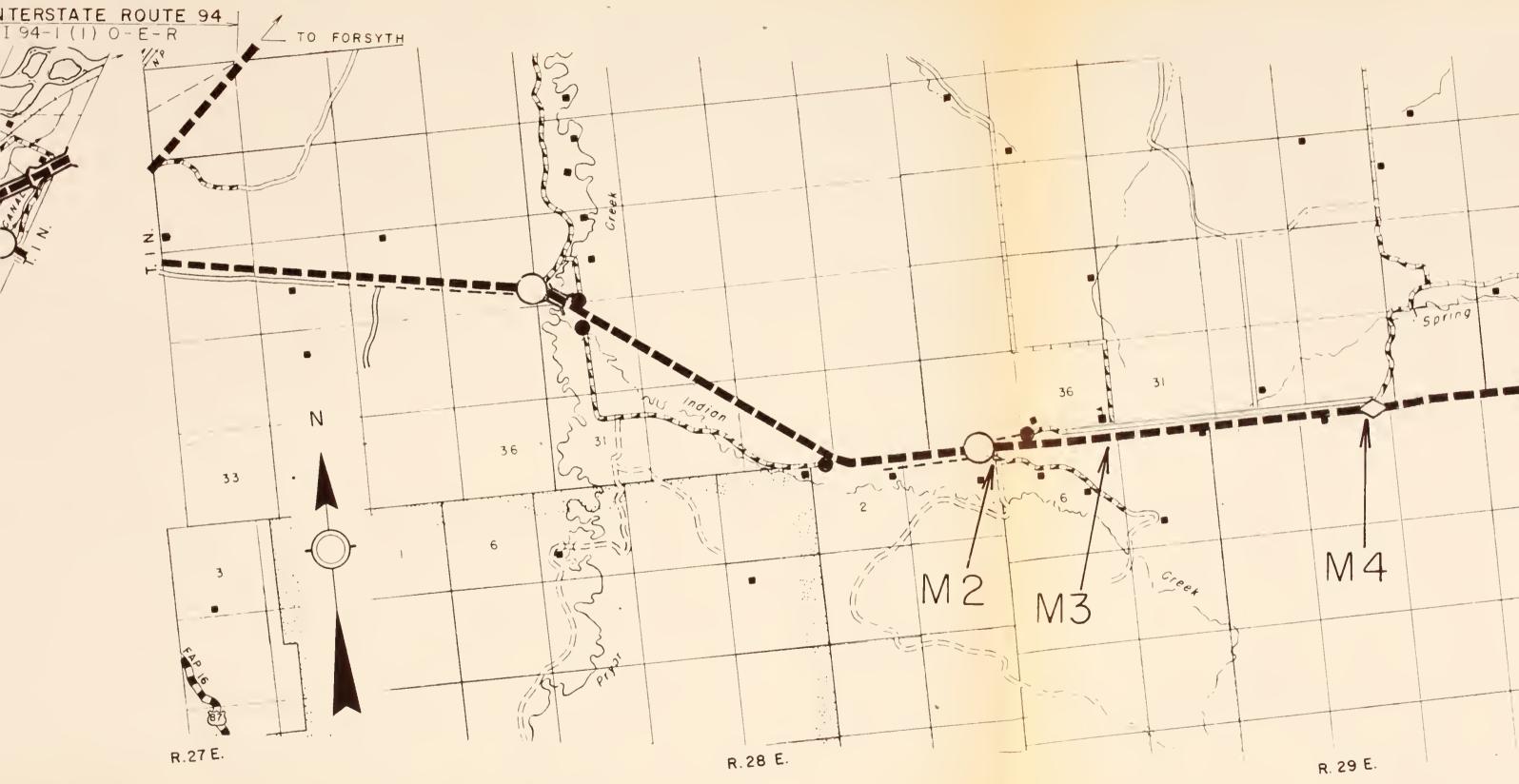


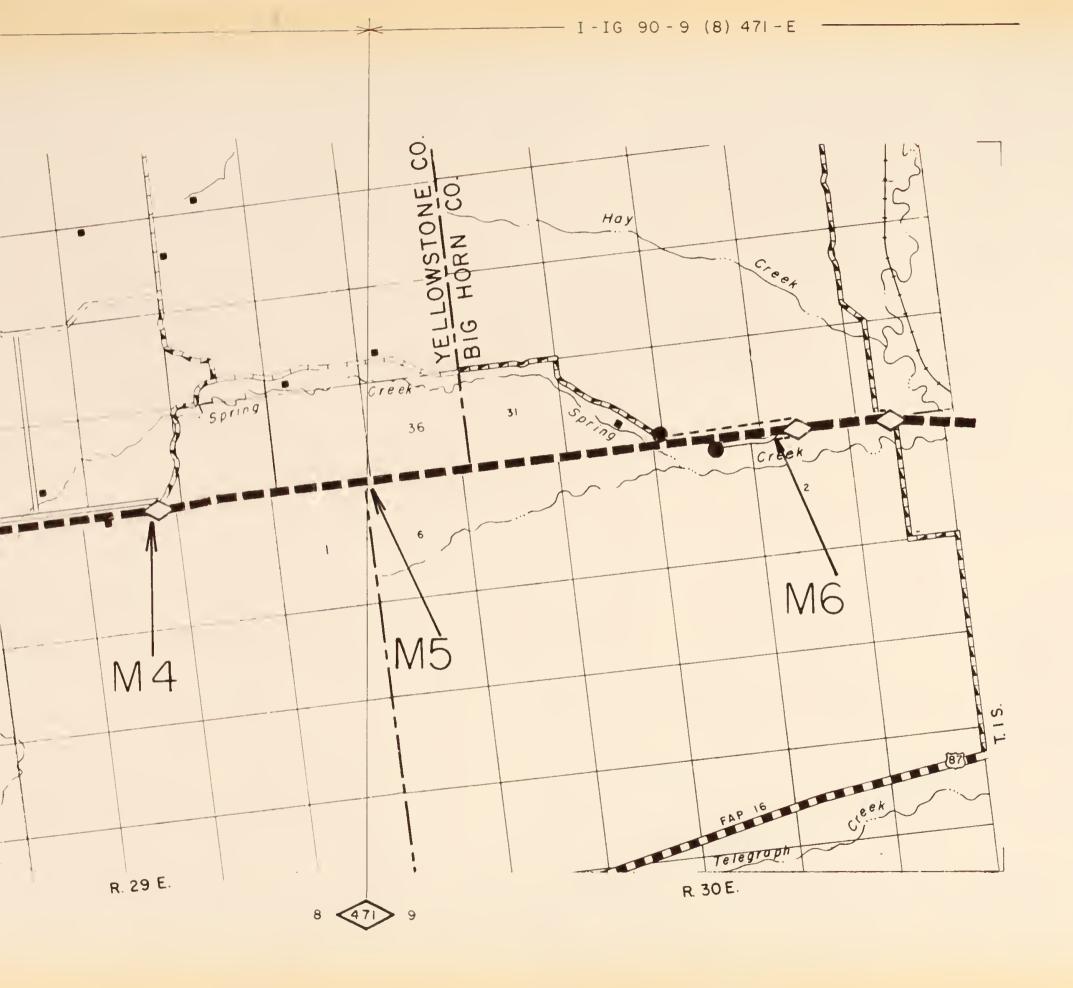
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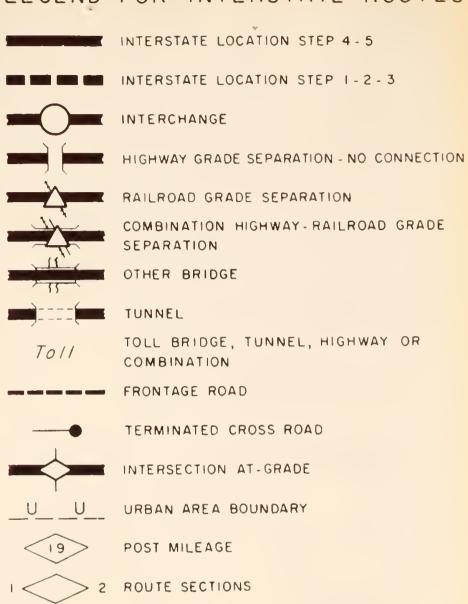
INTERSTATE ROUTE 90 (101)

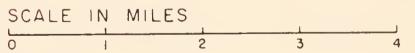
Sheet 8 of II







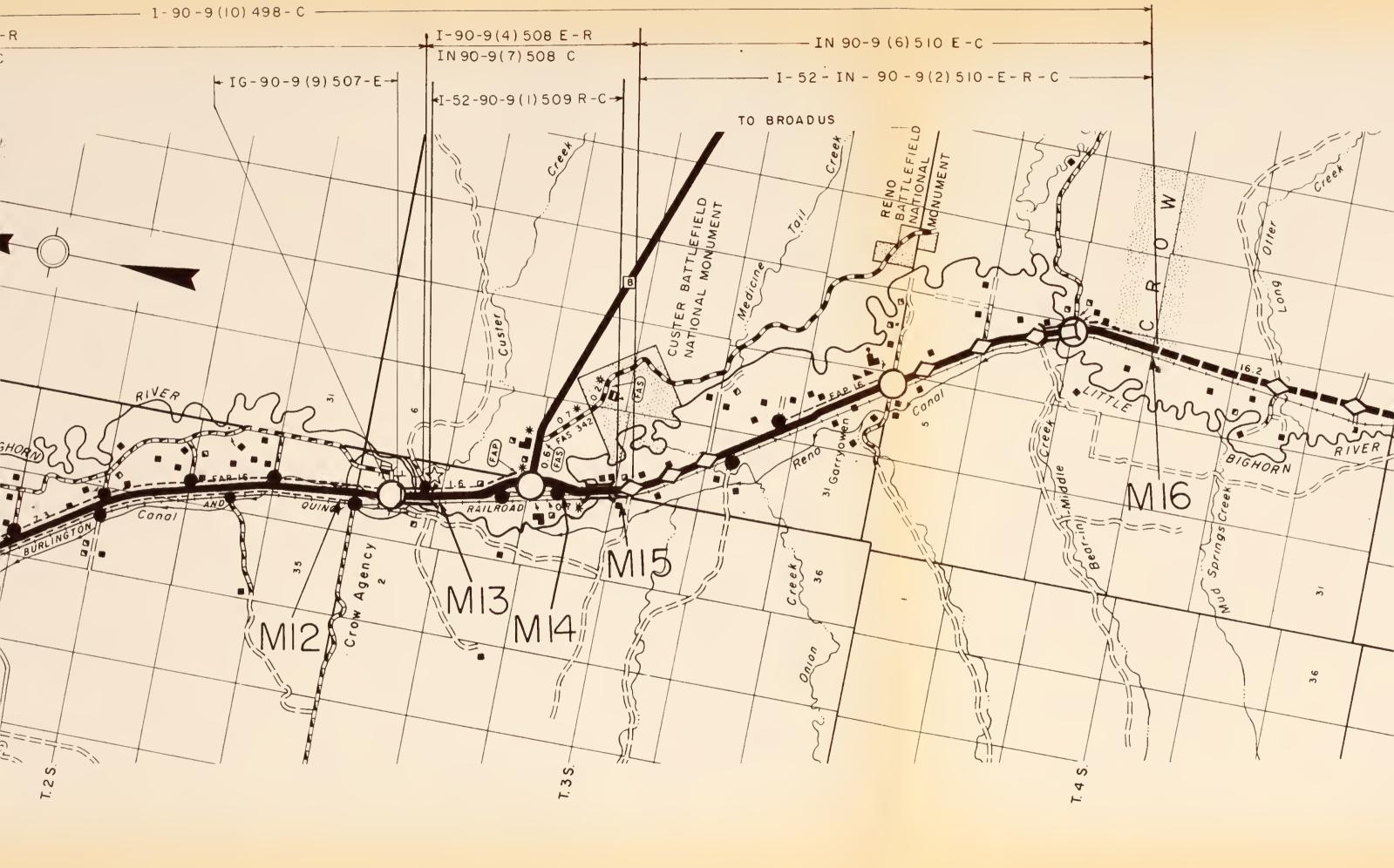


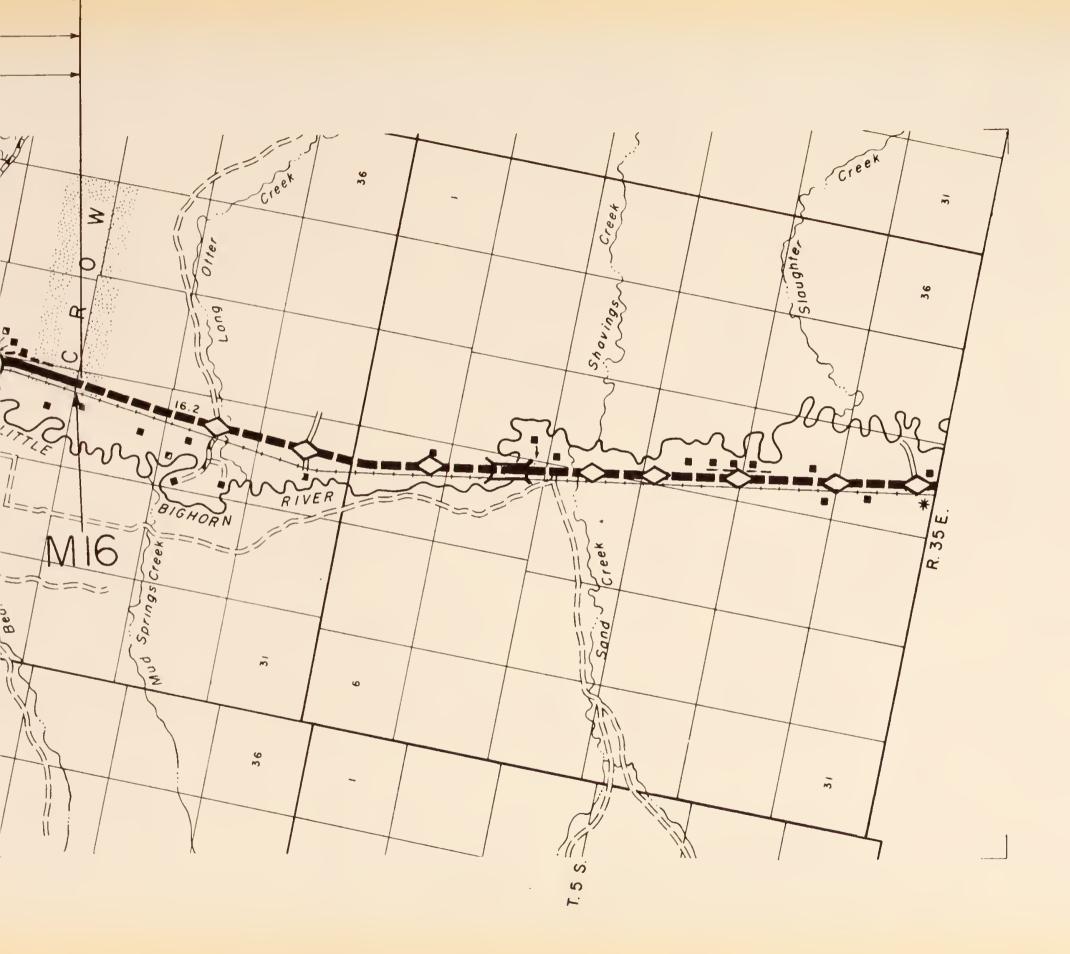


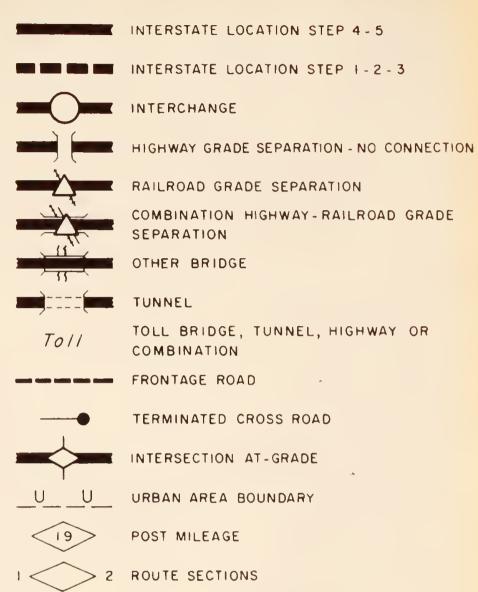
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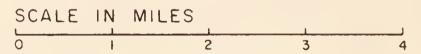
INTERSTATE ROUTE 90 (101) (103)

Sheet 9 of 11





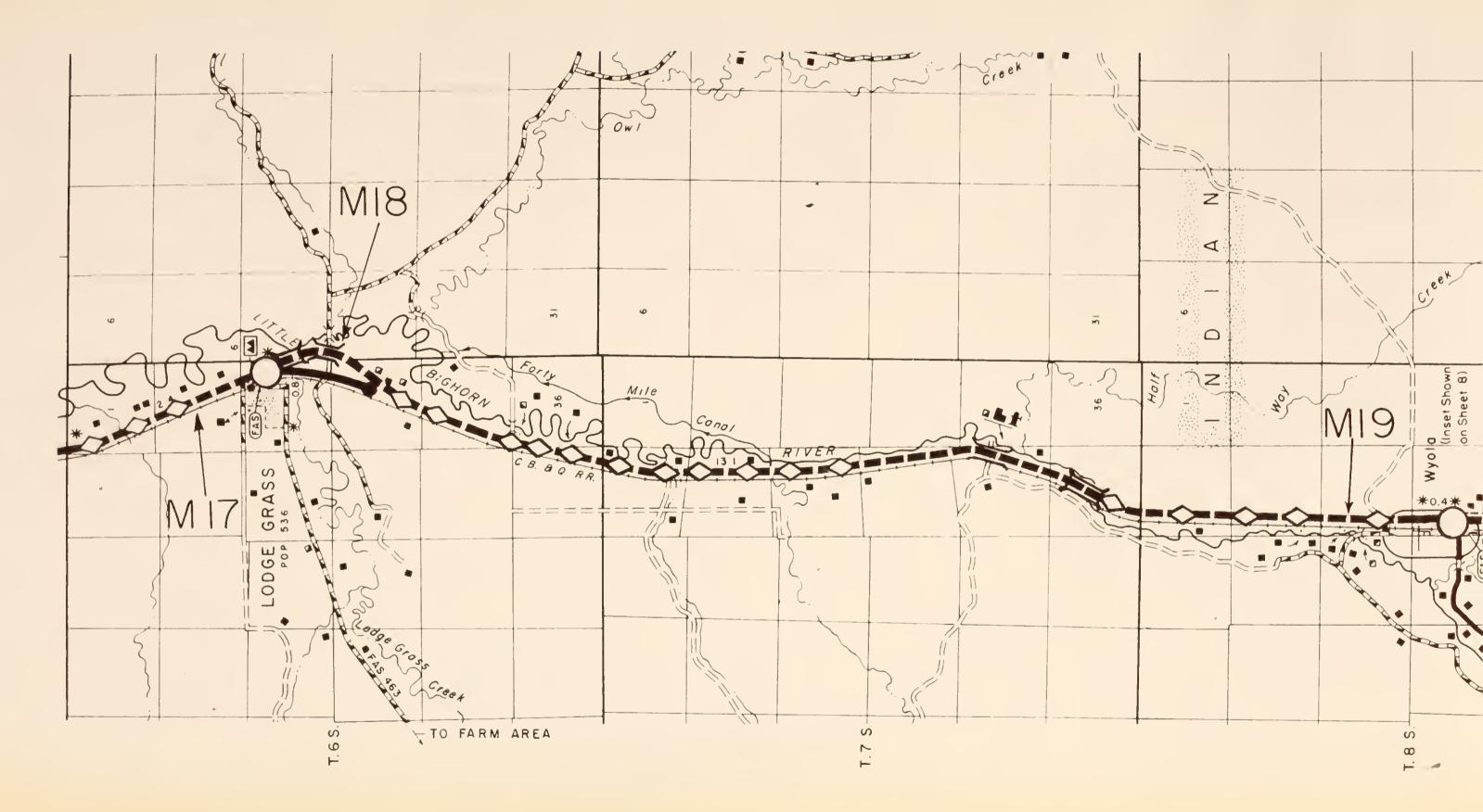


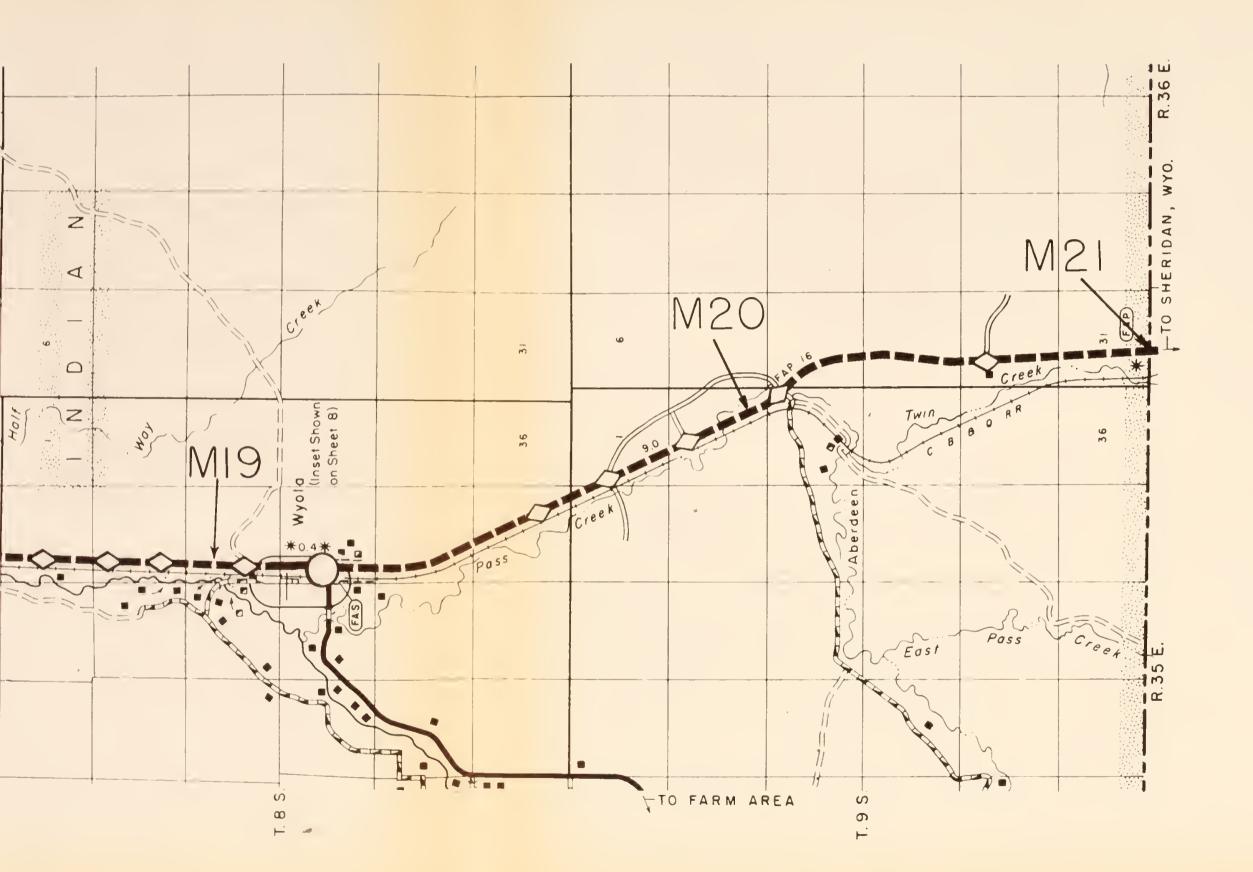


MONTANA

INTERSTATE ROUTE 90 (103)

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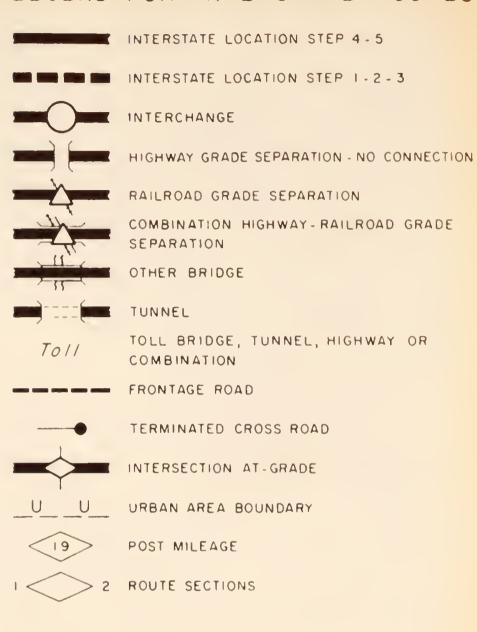
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MONTANA

INTERSTATE ROUTE 90 (103)

Sheet II of II

TABLE	В	-	DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS
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NEW INTERSTATE ROUTE NO. 94

Sheet 1 of 4

STATE MONTANA

Old Interstate route number 101 101 101 101 101_ 101 101 101 101 101 101 Route identification (Code 1 of 2) 1 Section D19-D20.1 D20.1-D20.2 D20.2-D21.1 D21.1-D21.2D21.2-D22.1D22.1-D22.2 D22.2-D23 D18-D19 D25-D26.1 D26.1-D262 D26.2-D27 D16-D17 D17-D18 D23-D24 D24-D25 ITEM 1. Section length, miles 5.7 5.1 9.1 9.6 6.8 1.9 3.4 7.0 1.0 4.8 0.7 1.0 3.6 5.2 2.5 2. Class - rural or urban R R R R R R R R 3. Location - existing, new or toll N N N E E E E E N N N N N N 4. Traffic: ADT 1958 2175 1720 1271 1271 1271 1271 1271 1118 1118 1123 1123 1123 1137 1520 1123 5. Traffic: ADT 1975 3300 3300 2800 2800 5800 4600 4000 3300 3300 3300 2800 2800 2800 2800 2800 6. Traffic: DHV 1975 750 600 520 430 430 430 430 430 360 360 360 360 360 360 360 7. Directional distribution factor (D), 1975 55% 55% 55% 55% 55% 55% 55% 55% 55% 55% 55% 55% 55% 55% 55% 8. Percent trucks 15% 15% 15% 15% 15% 15% 15% 15% 12% 12% 12% 12% 12% 12% 12% 9. Design speed 50 70 50 60 60 70 70 60 60 60 60 60 60 60 70 10. Number of through traffic lanes 2 2 2 2 11. Mileage without frontage roads 4.9 9.1 7.6 4.3 1.9 3.4 7.0 1.0 3.8 0.7 1.0 3.6 5.2 5.7 2.5 12. Mileage with frontage road one side only 0.2 2.0 2.1 -1.0 13. Mileage with frontage road on both sides 0.4 14. Typical cross-section reference 20 20 20 20 15. Right-of-way width: minimum 300 300 300 300 300 300 300 300 300 300 300 300 300 300 300 prevailing 300 300 300 300 300 300 300 300 300 300 300 300 16. Median width: minimum 46 46 prevailing

Sheet	2	Of	1.	

STATE MONTANA

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D27-E1	E1-E2.1	E2.1-E2.2	E2.2-E3	E3-E4	E4-E5	E5-E6	E6-E7	E7-E8	E8-E9	E9-E10	E10-E11	E11-E12	E12-E13	E13-E14
I T E M 1. Section length, miles	8.9	7.1	2.0	5.9	2.5	3.2	8.7	6.4	6.0	8.0	8,5	0.9	3.0	5,3	2.4
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 1137 2800 360 55% 12% 70	R E 1224 2900 380 55% 12% 70	R E 1224 2900 380 55% 12% 70	R E 1484 3500 450 55% 12% 60	R N 1610 3800 490 55% 1.2% 70	R E 1610 3800 490 55% 12% 50	R E 1610 3800 490 55% 12% 60	R E 1300 3100 400 55% 12% 60	R E 1260 3000 390 55% 12% 60	R E 1214 2900 380 55% 12% 60	R N 1472 3500 460 55% 12% 60	R N 680 1900 230 60% 15% 60	R N 580 1600 190 60% 15% 60	R N 1.100 2600 340 55% 1.2% 60	R N 11'75 2800 360 55% 12% 60 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	8.9 - -	7.1 - -	2.0	4.3 1.0 0.6	1.5 1.0	3.2	8.7	6.4	6.0	8.0	8.5 - -	0.9	1.5	5.3	2.4
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	22 270	22 300	22 300	22 300	2 2 300
prevailing	300	300	300	300	300	300	300	300	300	300	400	300	300	300	300
16. Median width: minimum	-	_	***	_	_	-	_	_	_	_	_	-	-		_
prevailing	_	_	-	_	_	-	-	_	-	-	-	_	-	ç. 	_

TABLE	В	-	DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS		Sheet	3 of 4
								_		

STATE MONTANA NEW INTERSTATE ROUTE NO. 94

Old Interstate route number	101	101	1.01	101	101	101	101	101	101	101	101	101.	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	3.	1	1	1	1	1	1	1 .
Section	E14-E15.]	E15.1-E15.2	E15.2-F1	F1-F2	F2-F3	F3-F4	F4F5	F5-F6	F6-F7	F7-F8	F8-F9	F9-F10	F10-F11	F11-F12	F12-F13.1
I T E M 1. Section length, miles	5.1	1.6	6.6	7.2	2.7	1.6	5.5	4.4	2.2	0.2	3.9	7.8	5.6	5.7	1.8
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 1175 2800 360 55% 12% 60	R E 1175 2800 360 55% 12% 70 2	R E 1175 2800 360 55% 12% 60 2	R E 1168 2800 360 55% 12% 70	R E 1168 2800 360 55% 12% 60	R E 1168 2800 360 55% 12% 70	R N 1216 2900 380 55% 14% 70	R E 1216 2900 380 55% 14% 70	R E 1216 2900 380 55% 14% 70	R E 1100 2600 340 55% 14% 60	R E 1100 2600 340 55% 14% 60	R E 1036 2500 320 55% 14% 60 2	R E 1070 2500 330 55% 14% 60	PE 1220 2900 380 55% 14% 60 2	R N 1220 2900 380 55% 14% 70 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	5.1 - -	1.6	6.6	7.2	2.7	1.6	4.5	4.4	2.2	0.2	3.9	7.8	5.6	5.	1.8
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	71 300	20 300	20 300	20 300	20 300	20 300
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum	_	_		_	-	_	_	_	_	_	_	-	-	_	_
prevailing	_		_	_	_	-	_	_	_	_	_		_	_	_

TABLE	В	-	DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS	Sheet	4 of 4
									

Signatures: _

State: Name and Title

BPR Division Engineer

NEW INTERSTATE ROUTE NO. 94

Date

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101			
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1			
Section	F13.1-F13.2	F13,2-F13,3	F13.3-F14	F14-F15.1	F15,1-F15,2	F15.2-F16	F16-F17.1	F17.1-F17.2	F17.2-F18	F18-F19	F19-F20	F20-F21	RURAL	URBAN	TOTAL
I T E M 1. Section length, miles	0.3	0.7	0,9	1.7	1,3	0.6	1,5	2.7	13.3	4.7	4.9	6.1	245.1	1.7	246.8
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes		R 995 2400 310 55% 15% 70	R N 692 1600 210 60% 15% 70	U N 692 1600 210 60% 15% 60 4	N 1250 3 000 390 55% 15% 60	R N 1250 3 000 390 55% 15% 60	R E 1330 3 200 420 55% 15% 60	R E 1330 3200 420 55% 15% 60	R E 1371 3300 430 55% 15% 60	R E 1371 3300 430 55% 15% 60	R N 1400 3300 490 55% 15% 60	R E 1400 3300 490 55% 15% 60			
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	0.3	0.7	0.9	1.7	1.3	0.6	1.5	2.7	13.3	4.7 - -	4.9 - -	6.1	234.3 9.8 1.0	1.7	236.0 9.8 1.0
14. Typical cross-section reference 15. Right-of-way width: minimum	71 300	40 300	40 300	40 300	40 300	20 300	20 250	20 230	20 300	20 300	20 300	20 300			
prevailing	300	300	300	300	300	300	330	250	300	300	300	300			
16. Median width: minimum	-	46	46	46	46	_	-	_	_	_	_	-			
prevailing	_	46	46	46	46	_	_	_	_	-	-	_			
										· · · · -					

STATE MONTANA

STATE Montana

NEW	INTERSTATE	ROUTE	NO.	94

					2.412			303	3.03	3.03	3.03	1 303	1 202	1 3 6 3	
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Houte identification (Code 1 or 2)	1	1	1	1	1	1	1	Ţ	1	1	1	7	7	1	1
Section	D16-D17	D17-D18	D18-D19	D19-D20.1			D21.1-D21.2				D23-D24	D24-D25		026.1-026.2	D26.2-D27
Section length, miles (0.1 mile)	5.1 '	9.1	9.6	6.8	1.9	3.4	7.0	1.0	4.8	0.7	1.0	3.6	5.2	5.7	2.5
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	13
Location: Existing, new, or toll	11	N	N	E	E	E	E	E	N	N	N	N	N	N	N N
No. Lanes to be constructed this estimate	l.	2	2	2	2	2	2	2	2	2	2	2	2	4)
No. through traffic lanes	4	2	2	2	2	2	2	2	2	2	2	2	2	14	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	23	23	23	23
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)									
				_					1 -		ı	ı	1		
1. Proliminary engineering	32			39	14	19	30	14	9	14					
2. Night-of-way	202	206	238	44	29	12	122	38	101	2	2	9	13	14	6
3. Clear & grub; demolition				6											
4. Utility adjustments	18	1	34	78	15	16	165	8	13	2		1	15	6	3
5. Grade & Drain; minor structures	954	491	643	195	120	146	139	75	233	70	26	89	520	164	144
6. Base; surfacing; shoulders	507	456	555	470	106	190	331	56	276	39	56	202	291	565	140
7. R.R. grade separations			88												
8. Highway grade separations without ramps	111	62	141												72
9. Interchanges, complete	212	152	325					158	131		158			217	
10. Other bridges; tunnels	35	131	118	102	31	62				396	25		70	87	
11. Walls				~-						~~					time shifty
12. Guardrail; fencing; lighting; traffic		3.00	3.5			0.5								1.0	100
control devices	58	100	147	44	45	21	45	22	28	4	17	22	32	47	27
13. Roadside improvement	14	26	48	20	6	10	20	3	14	2	3	10	15	16	7
14. All other items															
15. Subtotal, lines 3 to 14	1909	1419	2099	915	323	445	700	322	695	513	285	324	943	1102	393
16. Construction Engineering & Contingencies,	191	142	210	92	32	45	70	32	70	51	29	32	94	110	39
10% of line 15		1					· ·		l					1	
17. Total Estimated Cost	2334	1767	2547	1090	398	521	922	406	875	580	316	365	1050	1226	1,38

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D27-E1	E1-E2.1	E2.1-E2.2	E2.2-E3	E3-E4	E4-E5	E5-E6	E6-E7	E7-E8	E8-E9	E9-E10	E10-E11	Ell-El2	E12-E13	S13-E14
Section length, miles (0.1 mile)	8.9	7.1	2.0	5.9	2.5	3.2	8.7	6.4	6.0	0.8	8.5	0.9	3.0	5.3	2.4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	ц	R	R	R	R
Location: Existing, new, or toll	N	E	E	E	N	E	E	E	E	E	N	N	N	N	
No. Lanes to be constructed this estimate		2	2	2	2	2	2	2	2	2	2	2	2	2	,
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Finance code	23	22	22	22	23	22	22	22	22	22	23	23	23	23	4.
WORK CLASSIFICATION			ES'	rimated co	STS (1,000	Dollars)									
				1	1 00	1		1	I	1	I	1			
1. Preliminary engineering		31	9	53	23	17	60	42		11					
2. Right-of-way	22	110	59	101	64	29	81	60	56	74					
3. Clear & grub; demolition															
4. Utility adjustments	10	11	1	98	18	11	1	4	26	4		3.05	7-		-
5. Grade & Drain; minor structures	558	142	82	315	118	169	306	284	515	255	913	107	345	261	21
6. Base; surfacing; shoulders	498	464	112	347	147	179	487	358	392	447	1019	108	396	636	288
7. R.R. grade separations				73					prop Prills						
8. Highway grade separations without ramps	40				62		62	2.6.0	3.50		30	51	7.50	62	may tree
9. Interchanges, complete	154			158	158		317	158	158	3 30	431	149	153		Time Street
10. Other bridges; tunnels	50	51		143			109	109	20	123		164			
ll. Walls											ages from				
12. Guardrail; fencing; lighting; to line	<i>a</i> 2		3.0	,,		2.0	0.3				3.00	1	20	20	51.
control devices	81	44	13	66	26	30	81 25	50	57	99	133	16	29	32	50 7
13. Roadside improvement 14. All other items	25	20	5	37	7	9	25	18	17	23	24 75	3	8	15	
15. Subtotal, lines 3 to 14	1416	732	213	1237	536	398	1388	981	1185	951	2625	598	931	1006	566
16. Construction Engineering & Contingencies,	1410	()4	21)	14) (),)0	270	1)(0	701	110)	7,7-	202))/0	101	2000	700
10% of line 15	141	73	21	124	54	40	139	98	118	95	2.63	60	93	101	57
17. Total Estimated Cost	1579	946	302	1515	677	484	1668	1181	1359	1131	2888	658	1024	1107	623
10001 10001110000	-	740	204		011	404	1000	1101	1,777	1424	2000	0,0	1024	110	

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	11	1	1	1	1	1	1	1	1	1	1
Section	E14-E15.1	E15.1-E152	E15.2-F1	F1-F2	F2-F3	F3~F4	F4-F5	F5-F6	F6-F7	F7-F8	F8-F9	F9-F10	F10-F11	F11-F12	F12-F13.1
Section length, miles (0.1 mile)	5.1	1.6	6.6	7.2	2.7	1.6	5.5	4.4	2.2	0.2	3.9	7.8	5.6	5.7	1.8
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	E	E	E	E	N	E	E	E	E	E	E	E	N
No. Lanes to be constructed this estimate		2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)									
				I	1	· .	ı		t	i I	1	1	1		
1. Preliminary engineering	36	8													10
2. Right-of-way	37	2	27	75	7	39	86	77	97	6	52	49	22	84	212
3. Clear & grub; demolition															
4. Utility adjustments	10	6	3	174	7	5	37	109	3	3			1	1	60
5. Grade & Drain; minor structures	299	55	335	283	131	53	214	142	94		141	198	190	275	143
6. Base; surfacing; shoulders	285	90	369	403	151	90	317	246	123		218	436	313	319	101
7. R.R. grade separations								173	85						
8. Highway grade separations without ramps							40								62
9. Interchanges, complete	158						158		158		200		158	168	185
10. Other bridges; tunnels			90	379		22			130	679	35	113	87	129	
ll. Walls															
12. Guardrail; fencing; lighting; traffic															
control devices	82	36	41	45	26	10	53	44	60	1	68	82	78	71	55
13. Roadside improvement	15	5	19	41	8	5	16	13	6		31	22	16	16	5
14. All other items															
15. Subtotal, lines 3 to 14	849	192	857	1325	323	185	835	727	659	683	693	851	843	979	611
16. Construction Engineering & Contingencies,	O.E	10	04	122	22	1.0	92	G O	((/ 0	(0	0.5	01	0.0	(2
10% of line 15	85	19	86	133	32	18	83	73	66	68	69	85	84	98	61
17. Total Estimated Cost	1007	221	970	1533	362	242	1004	877	822	757	814	985	949	1161	894

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101			
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	Subt	total	Total
Section		F13.2-F13.3					F16-F17.1	F17.1-F17.2			F19-F20	F20-F21	Rural	Urban	For doute
Section length, miles (0.1 mile)	0.3	0.7	0.9	1.7	1.3	0.6	1.5	2.7	13.3	4.7	4.9	6.1	245.1	1.7	246.8
Class: Rural or Urban	R	R	R	Ŭ	R	R	R	R	R	R	R	R			
Location: Existing, new, or toll	N	N	N	N	N	N	E	E	E	E	N	E			
No. Lanes to be constructed this estimate	2	4	4	4	4	2	2	2	2	2	2	2			
No. through traffic lanes	2	4	4	4	4	2	2	2	2	2	2	2			
Finance code	23	23	23	23	23	23	22	22	22	22	23	22			
WORK CLASSIFICATION			ES!	TIMATED CO	STS (1,000	Dollars)									
				1	1	_	1	1	1 (0	ı	1	1	1 (0-		(00
1. Preliminary engineering	19	7	10	11	11	7	33		63				621	11	632
2. Right-of-way	35	82	106	200	153	71			222	35	121	106	3497	200	3697
3. Clear & grub; demolition									- -				6		6
4. Utility adjustments	2	6	8	12	1	1			3	4	21	26	1050	12	1062 13199
5. Grade & Drain; minor structures		217	311	124	306	91			406	149	270	172	13075	124	15639
6. Base; surfacing; shoulders		69	89	168	129	33			744	213	274	341	15471	168	
7. R.R. grade separations		113				57							589	02/	589
8. Highway grade separations without ramps				216									795 5134	216	1011 5134
a. Interchanges, complete			202		217	150					191				
10. Other bridges; tunnels	1203			87		67			104		110		4974	87	5061
11. Walls															
12. Juardrail; fencing; lighting; traffic			2/	~~	00	0/			3.50				2/03	770	2/50
control devices		4	16	78	23	36	1	1	150	46	51	55	2601	78	2679
13. Roadside improvement		2	3	5	4	2	<u> 4</u>	8	58	13 75	14	18	801	>	806
14. All other items 15. Subtotal, lines 3 to 14	1205	411	629	690	680	437	5	9				612	150 44646	690	150 45336
		411	047	090	080	427	,	9	1465	500	931	012	44040	0,70	47730
16. Construction Engineering & Contingencies, 10% of line 15	121	41	63	69	68	43	0	1	147	50	93	61	4464	69	4533
17. Total Estimated Cost	1380	541	808	970	912	558	38	10				779	53228	970	
Total Estimated Cost	1,000	741	000	770	712	770	, , ,	10	1897	585	1145	119	7)220	970	54198

Signatures:		Date
	State: Name and Title	
		Date
	BPR Division Engineer	

Sheet 1 of 4

NEW INTERSTATE ROUTE NO. 94

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number 101 101 101 .101_ 101 Route identification (Code 1 or 2) D19-D20. D18-D19 D23-D24 D24-D25 D25-D26.1 D26.1-D26.2 D26.2-D27 Section D16-D17 D17-D18 Section length, miles (0.1 mile 9.1 6.8 1.9 3.4 7.0 1.0 4.8 0.7 1.0 9.6 3.6 Class: Rural or Urban R R R R R R R R R R Location: Existing, new, or toll N M N E \mathbf{E} N M M N N N N No. Lanes to be constructed this estimate 2 No. through traffic lanes 22 23 23 22 22 23 23 Finance code ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 7. R.R. grade separations Cost 88 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 8. Highway grade separations without ramps Cost 111 62 141 72 No. for which costs estimated 1 2 No. in service - cost = zero No. in authorized status - cost = zero 9. Interchanges, complete Cost 212 152 325 158 131 158 217 No. for which costs estimated 2 _ No. in service - cost = zero No. in authorized status - cost = zero 10. Other bridges: tunnels Cost 70 No. for which costs estimated 1 2 No. in service - cost = zero No. in authorized status - cost = zero Total structures Cost 358 345 158 396 70 No. for which costs estimated 3 3 1 1 2 No. in service - cost = zero No. in authorized status - cost = zero

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1 1	7	1	1	1	1	1	1	1	1	1
Section	D27-E1	E1-E2.1	E2 1-E2 2	E2_2-E3	E3-E4	E4-E5	E5-E6	E6-E7	E7-E8	E8-E9	E9-E10	E10-E11	E11-E12	E12-E13	E13-E12
Section length, miles (O.1 mile)	8,9	7,1	2.0	5.9	2.5	3.2	8.7	6,4	6.0	8.0	8,5	0.9	3.0	5.3	2,4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	E	E	E	N	E	E	E	E	E	N	N	N	N	N
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code	23	22	22	22	23	22	22	22	22	22	23	23	23	23	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	O Dollars)	AND NUMBER	OF STRUCTU	ES					
					1										
Item No. from						1	1	1	1			1			
Table C															
7. R.R. grade separations Cost	_	_	_	73	_	_	_	_	_	_	_	_	_	_	_
No. for which costs estimated	-	_	_	1	_	_	_	_	_	_	_	-		_	and .
No. in service - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_		_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
8. Highway grade separations without					!	1									
ramps Cost	40	_	_	_	62	_	62	_	_	-	30	51	_	62	***
No. for which costs estimated	1	_	_	_	1	_	1	-	_	_	1	1	_	1	_
No. in service - cost = zero		_	_	_		_		_	_	_	_	_	_	_	_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	-	_	_	_
9. Interchanges, complete Cost	154	_	_	158	158	_	317	158	158	_	431	149	153	_	
No. for which costs estimated	1.	_	-	1	1	_	2	7	1	-	2	7	1		_
No. in service - cost = zero	_	_	_	_	_	_				-				_	eru.
No. in authorized status - cost = zero	_	_		_	_	_	_	_	_	_	_	_	_	_	_
10. Other bridges: tunnels Cost	50	51	_	143	_	_	109	109	20	1.23	_	164	-	_	-
No. for which costs estimated	1	1	-	3	-	_	2	2	1	3	_	1	-	_	
No. in service - cost = zero	_		_		_	_	~			_	_	}			_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_		_	_
										_					
Total structures Cost	244	51	_	374	220	_	488	261	178	123	461.	364	153	62	-
No. for which costs estimated	3	1	_	5	2	_	5	3	2	3	3	3	1.	1	
No. in service - cost = zero					~			_		_	_				-
No. in authorized status - cost = zero	_			_	_	_	-	-	_	_		_	-	_	
2000 2010	_			_	-	_	_		_	_	_	-	_	_	-
				L		1									

Sheet 3 of 4

BY ROUTE SECTIONS WITH ROUTE TOTALS

| Old Interstate route number | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101

	Old interstate Louis number	101	TOT	101	101	101	101	707	101	101	101	101	101	101	101	TOT
	Route identification (Code 1 or 2)	1	1	1	1	1	1	11	1	1	1	1	1	1	1	1
	Section	E14-E15.1	E15.1-E15.2	E15.2-F1	F1-F2	F2-F3	F3-F4	F4-F5	F5-F6	F6-F7	F7-F8	F8-F9	F9-F10	F10-F11	F11-F12	F12-F13.1
	Section length, miles (0.1 mile)	5.1	1.6	6.6	7.2	2.7	1.6	5.5	4-4- R	2.2	0.2	3.9	7.8	5.6	5.7	1.8
	Class: Rural or Urban	R	R	R	R	R	R	R	R	R.	R	R	R	R	R	R
	Location: Existing, new, or toll	E	E	E	E	E	E	N	E	E	E	E	E	E	E	N_
	No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	No. through traffic lanes	2	2	2	2	2	2	2	2	2	_ 2	2	2	2	2	2
	Finance code	22	22	22	22	22	22	23	22	22	22	22	22	22	22	23
	WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
	Item No. from Table C								[1			
	7. R.R. grade separations Cost	_		_	_	_	_	_	173	85	_	_				
	No. for which costs estimated	_		_	_	_	_		1	1	_	_		_		-
- 1	No. in service - cost = zero	_	_	_	_	_	_	_			_	_	_	-	-	_
- 1	No. in authorized status - cost = zero	_	_	_	_	_	_			_		_	_	_	-	-
	8. Highway grade separations without							_		_	_	_	_	_	-	-
	ramps Cost	_	-	_	_	_	_	40	_	_	_	_	_	_	_	62
- 1	No. for which costs estimated	_	-	-	-	-	_	1	_	_	_	_	_	_		7
ŀ	No. in service - cost = zero	_	_	_	_	_	_		_	_	_	_	_	_	_	
	No. in authorized status - cost = zero	-	_	_	_	489	_	_	_	_	_	_	_	_		-
											_		_	_		_
	9. Interchanges, complete Cost	158	_		_	_	_	158	_	158	_	200	_	158	168	185
	No. for which costs estimated	1	_	-	_	_	_	7	_	7		7		170	100	102
	No. in service - cost = zero	_	_	_	_				_		-	Τ.	_	1	-	Τ
- [No. in authorized status - cost = zero	_	_	_	_		_	_	_	_	_	_	_	-	~-	_
							-	_		_		_	_	_	-	_
	10. Other bridges: tunnels Cost		_	90	379	-	22	_	_	130	679	35	113	87	129	_
	No. for which costs estimated	_	_	2	7	_	1				2				260/	
	No. in service - cost = zero	_		~			7	_	-	Т	Т	Τ	2	2	5	-
	No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	-	-	-	-	-	-	-
				_	_	_	-	-	_	-	-	_	-	-	-	-
	Total structures Cost	158		90	379	_	22	198	173	373	679	235	113	245	297	247
	No. for which costs estimated	1		2	7		7		1		0/9	·			29.7	26.1.
	No. in service - cost = zero		_	۷	Т	_		2	1	3	1	2	2	3	6	2
	No. in authorized status - cost = zero			_	~	-	-	_	-	-	-	-	-	-	-	-

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 94

	+		+	1		1	1	1	 			I			
Old Interstate route number	101	101	101	101	701	101	101	101	101	101	101	101			
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1		total	Total
Section		F13.2-F13.3			F15,1-F15.2			F17.1-F17.2		F18-F19	F19-F20	F20-F21	Rural	Urban	For Route
Section length, miles (0.1 mile)	0.3	0.7	0.9	1.7	1.3	0.6	1.5	2.7	13.3	4.7	4.9	6.1	245.1	1.7	246.8
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R			
Location: Existing, new, or toll	N	И	N	N	N	N	E	E	E	E	N	E			
No. Lanes to be constructed this estimate		4	4	4	4	22	2	2	2	2	2	2			
No. through traffic lanes	2	4	4	4	4	2	2	2	2	2	2	2			
Finance code	23	23	23	23	23	23	22	22	22	22	23	22			
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	00 Dollara)	AND NUMBER	OF STRUCTU	RES					
Item No. from Table C 7. R.R. grads separations Cost		113		_		57		_	_	go		_	589		1
No. for which costs estimated		1	_	_		1	_	_		~		_		-00	589
No. in service - cost = zero	_									_	-	_	6	units	6
No. in authorized status - cost = zero	_	_	_	_		_	_	_	_	_	_	_	-	_	-
8. Highway grade separations without	_	_	_	_	-	_	_	_	_	_	_	_	-	_	-
ramps Cost	_	_		216	_	_	_		_	_	_	_	795	216	1011
No. for which costs estimated	_	_	-		-	-		-	_		-	_		-	
No. in service - cost = zero	_	-		2	_	****	-		_		_	-	13	2	15
No. in authorized status - cost = zero	_	_		_	_	_	-	-	uggris		-	_	-	_	-
NO. 111 additor128d 30add3 4 CO35 - 2010	-	_	-	_	_	-	_	_	_	_	-	-	-	_	-
9. Interchanges, complete Cost	_	_	202	_	217	1.50	_	1400		400	191	_	5134	-	5134
No. for which costs estimated	_	_	1	_	1	7	_	_	_	_	1		30	0-0	30
No. in service - cost = zero	_	_	_	_	440		_		water	_				_	
No. in authorized status - cost = zero	_	_	_		_	_		_	_	_	_	_		_	_
													_		
10. Other bridges: tunnels Cost	1203		_	87	_	67		_	104	_	110	_	4974	8',	5061
No. for which costs estimated	1	_	_	1	_	٦	_	_	2		1	_	49		50
No. in service - cost = zero	_	_			_		_		_	_			47	-	
No. in authorized status - cost = zero	_	_	_	_			_		_		_	_		_	
							_						_		
Total structures Cost	1203	113	202	303	217	274		_	104	-	301	_	11492	303	11795
No. for which costs estimated	1	1	1	3	1	3	_	_	2	_	2	_	98	3	101
No. in service - cost = zero	_	_	-				_		_	_	_	_	_		
No. in authorized status - cost = zero	-	_	_	_	-	_	_		nia.	_	_	_		_	_

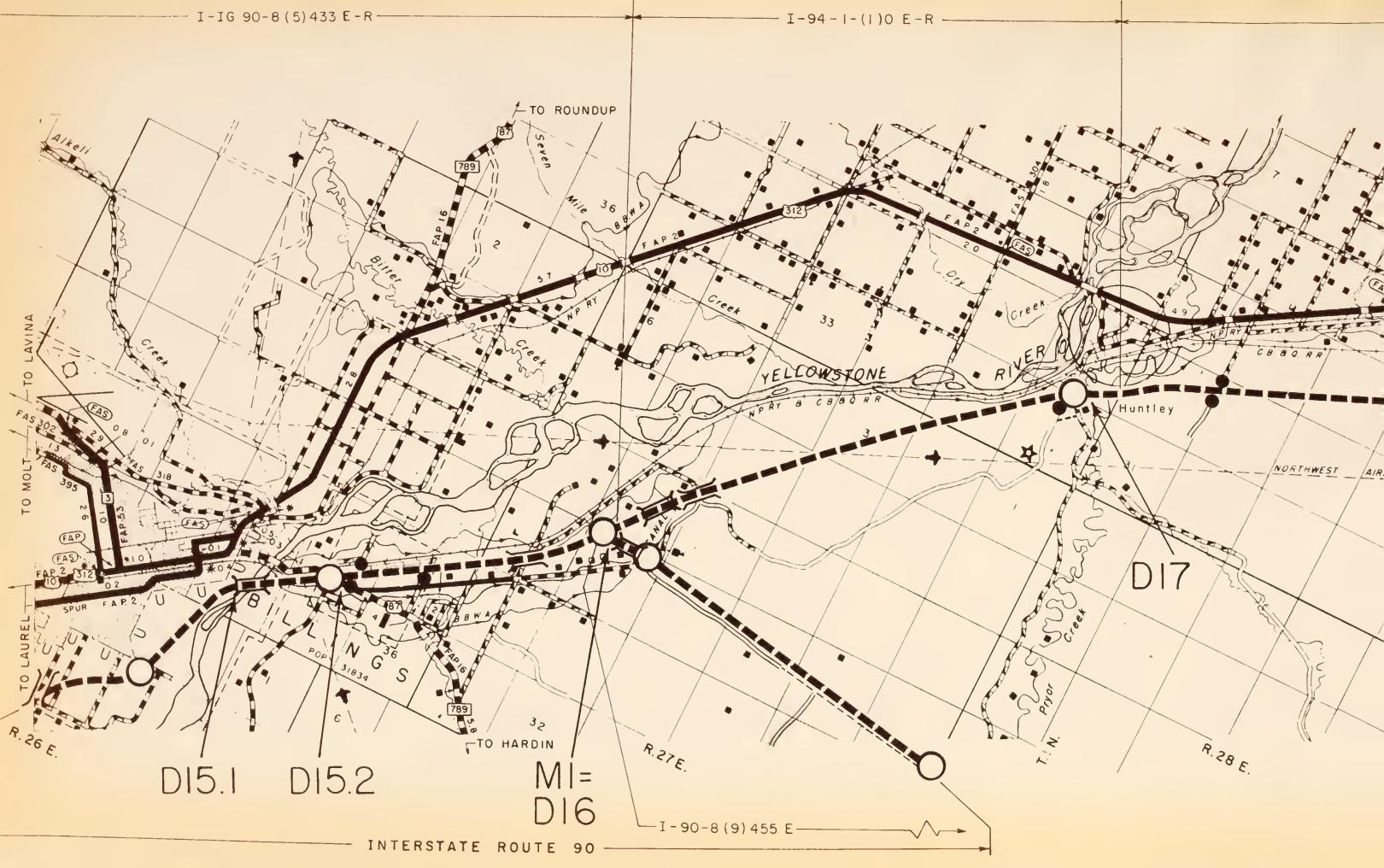
Signatures:

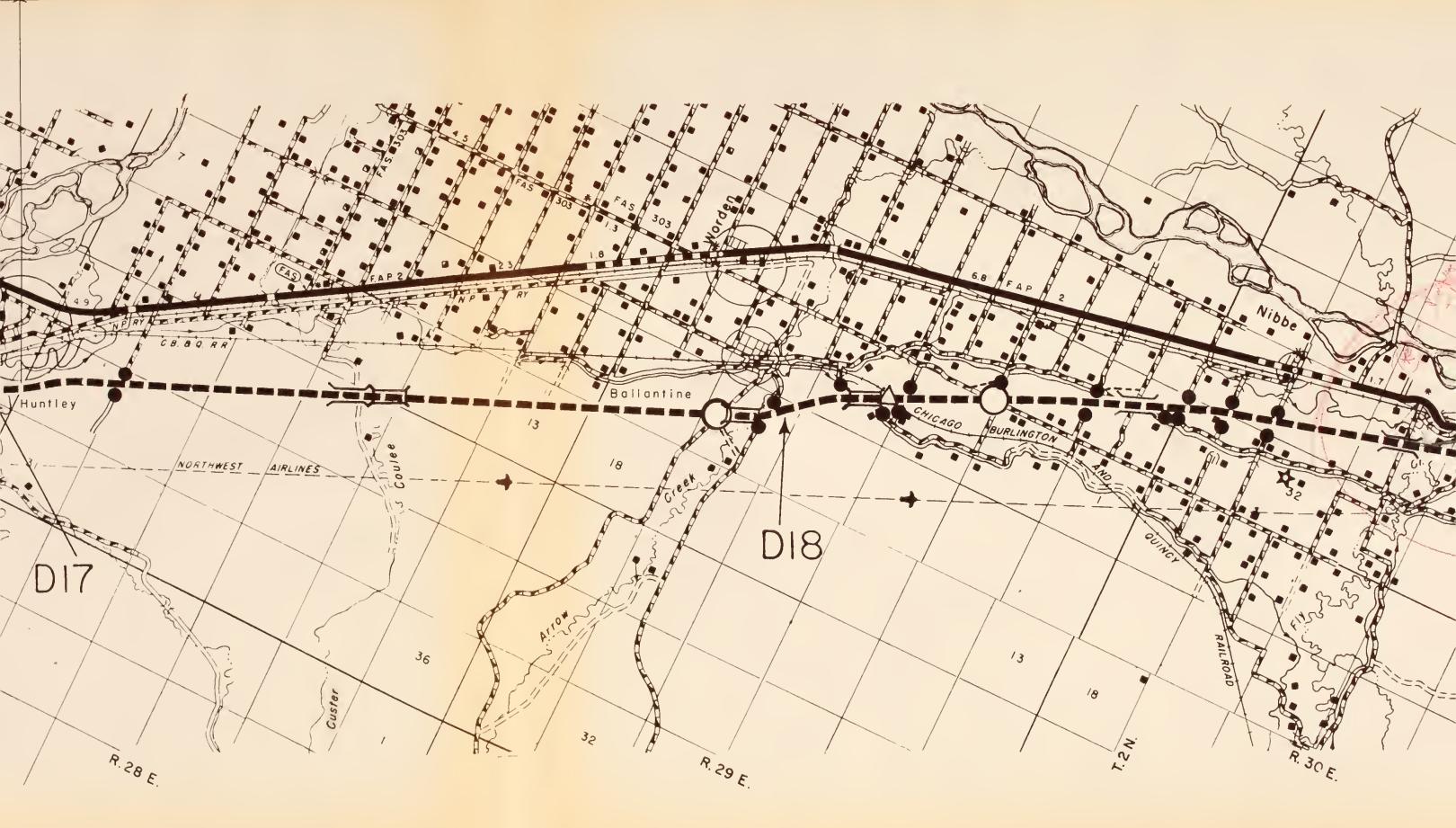
Date

State: Name and Title

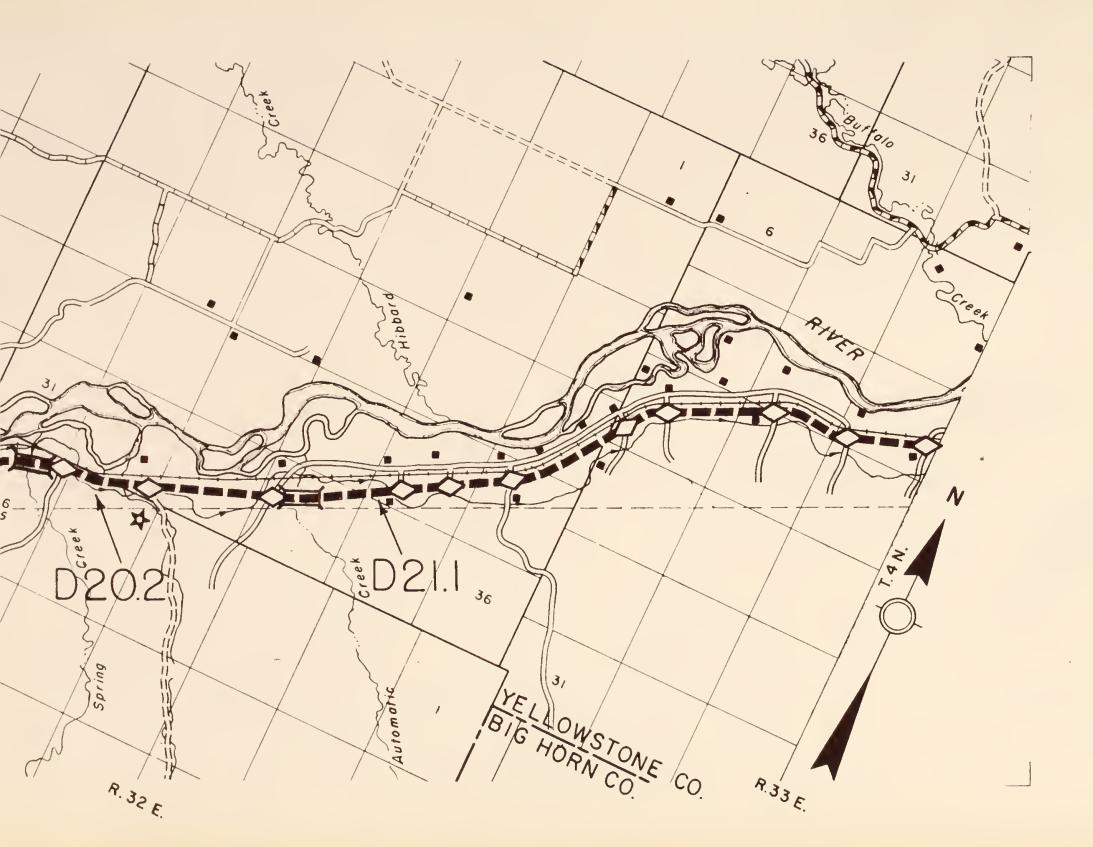
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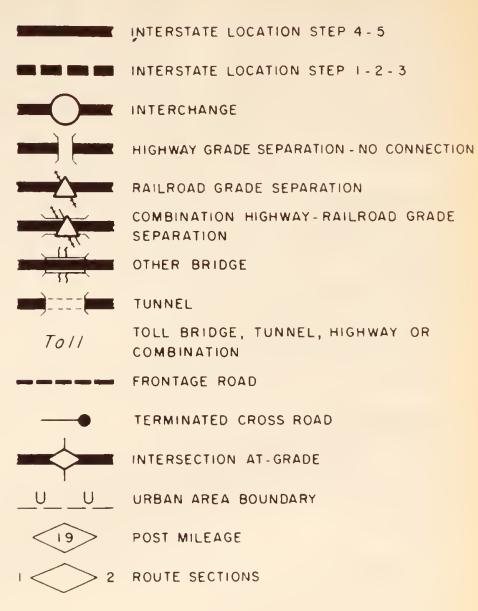
BPR Division Engineer

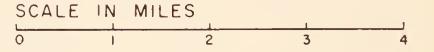








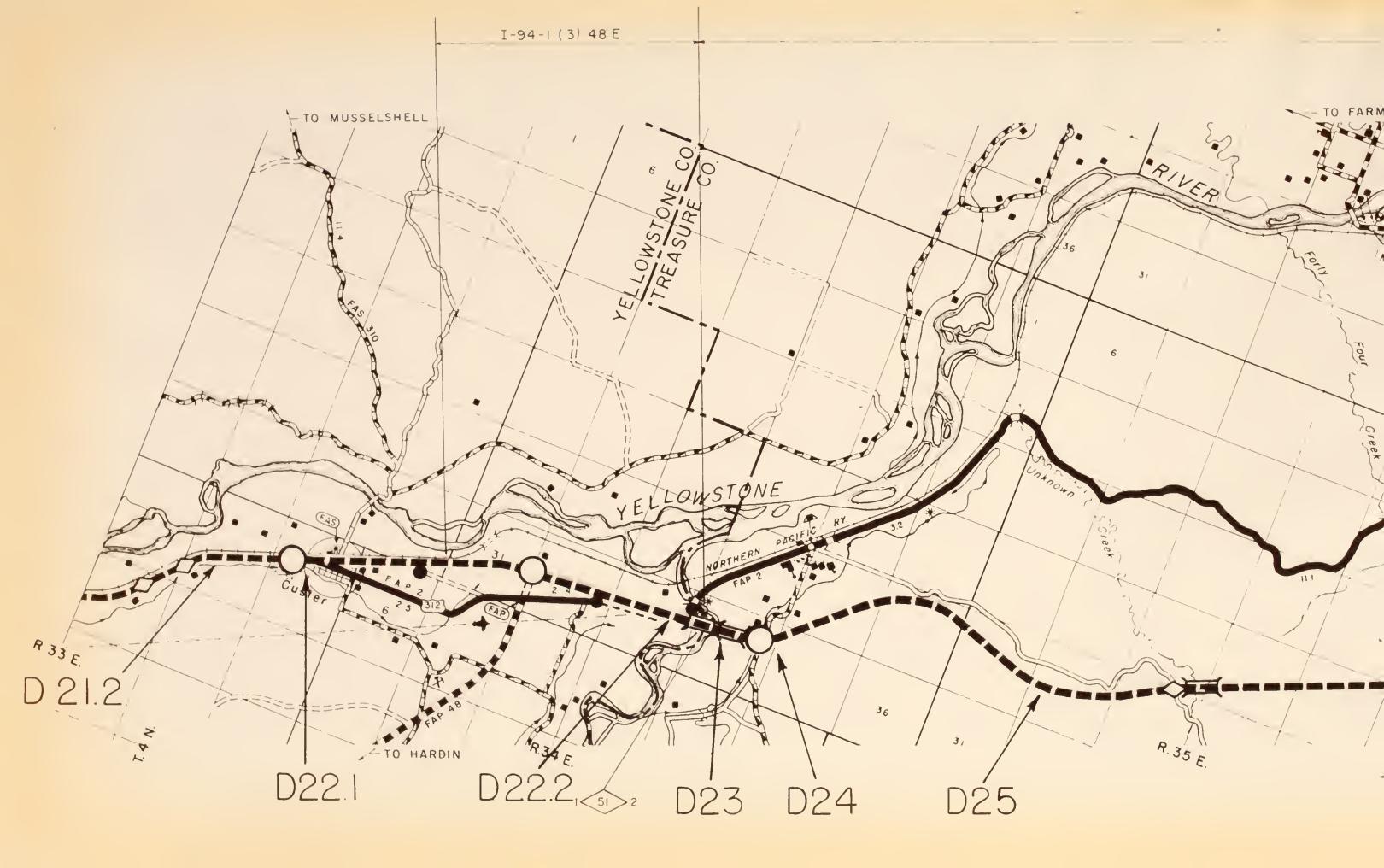


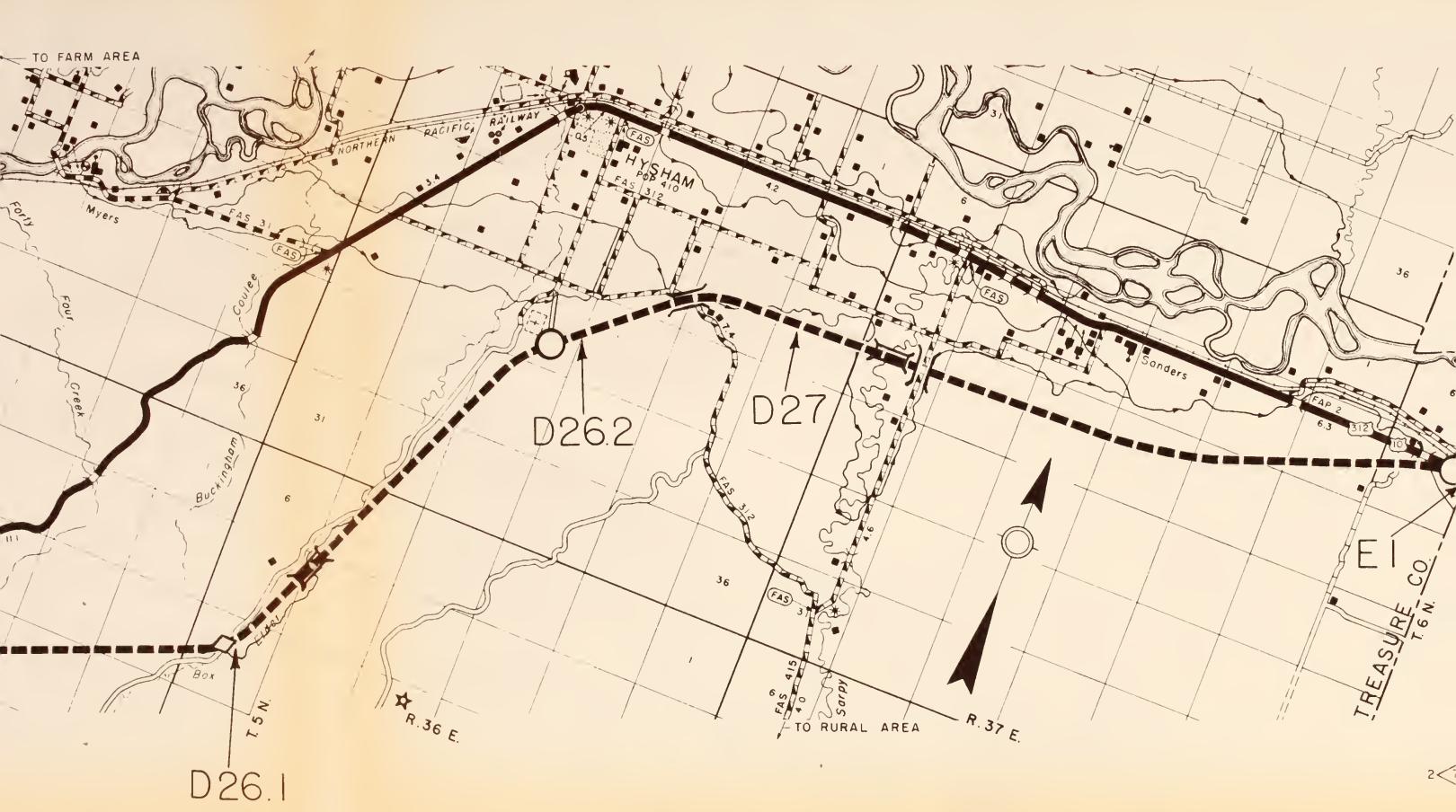


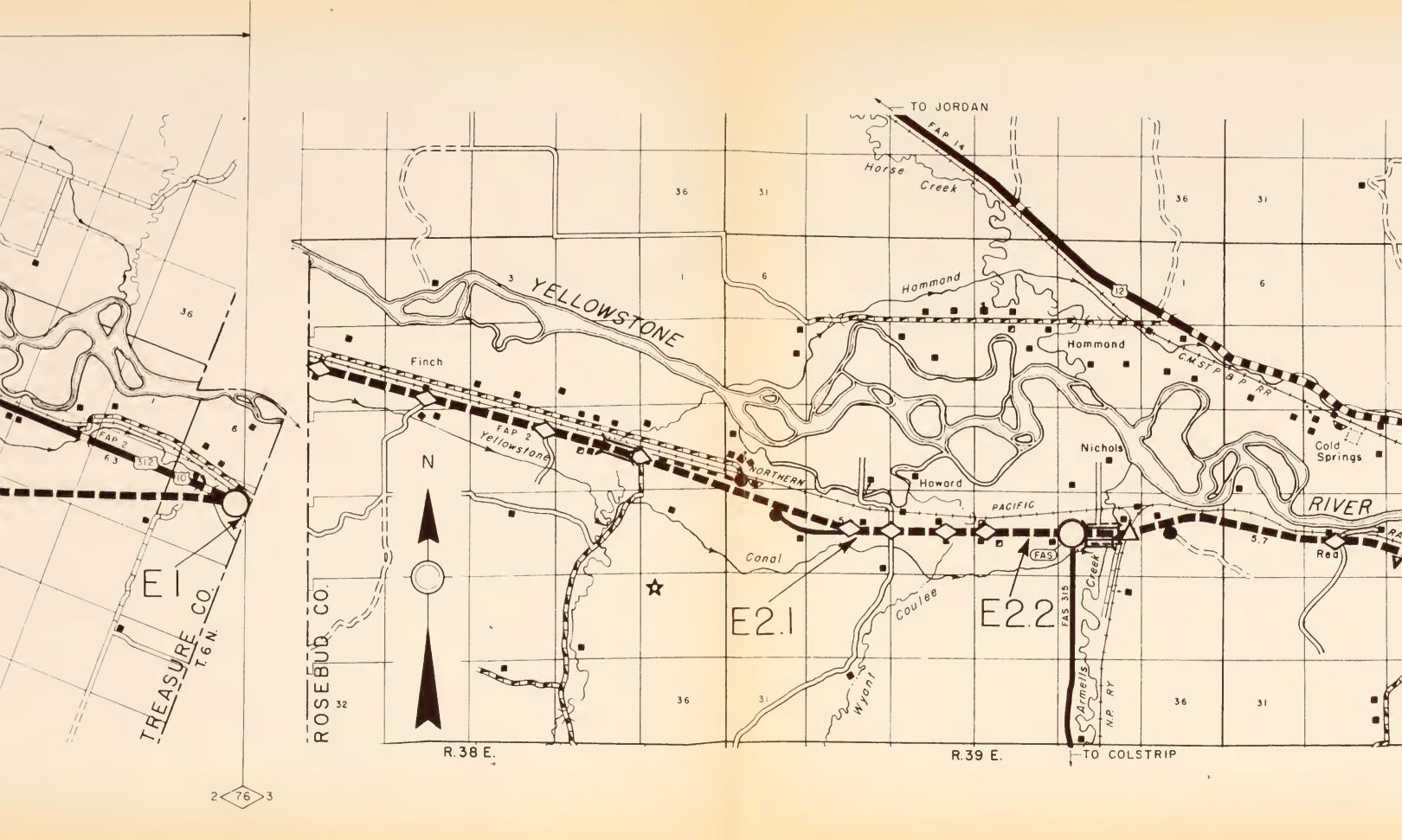
MONTANA

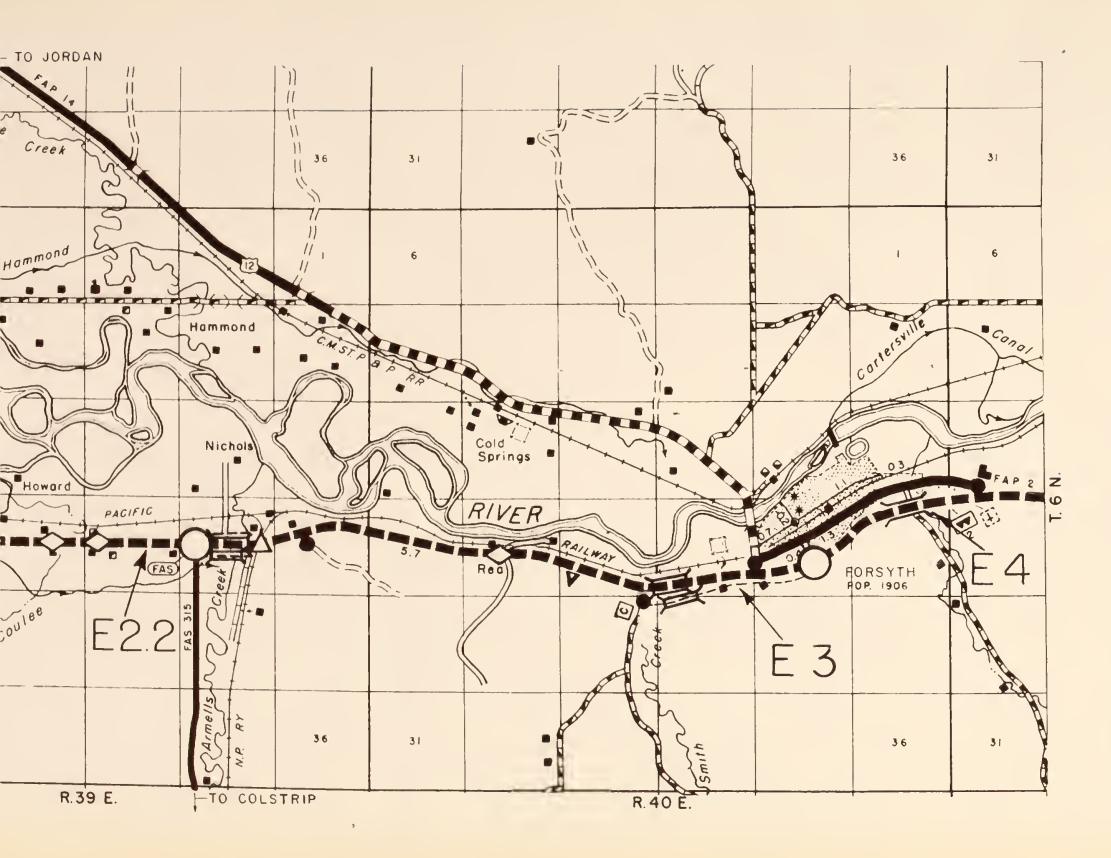
INTERSTATE ROUTE 94 (101)

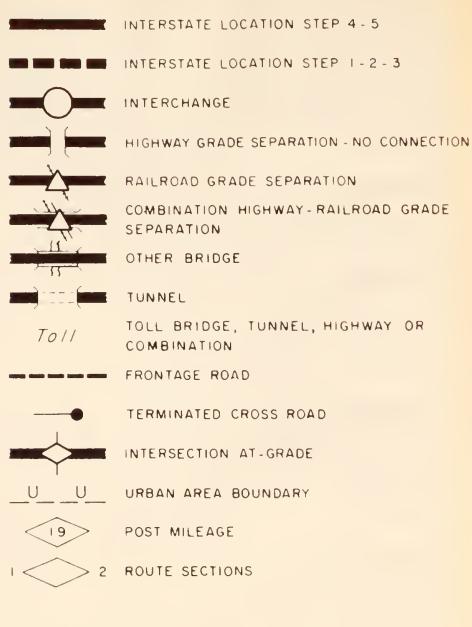
Sheet | of 5

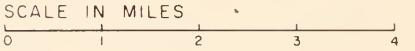








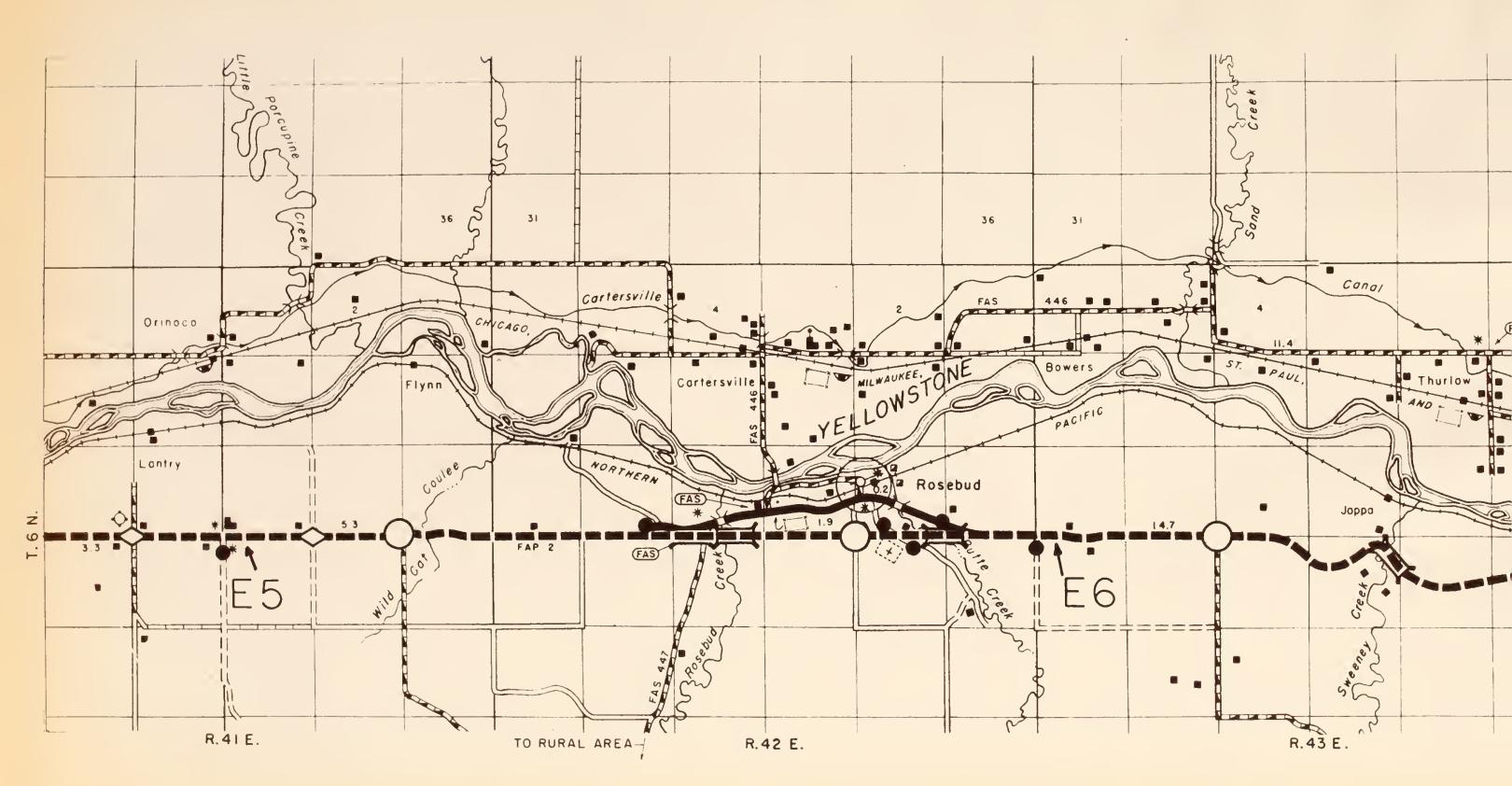


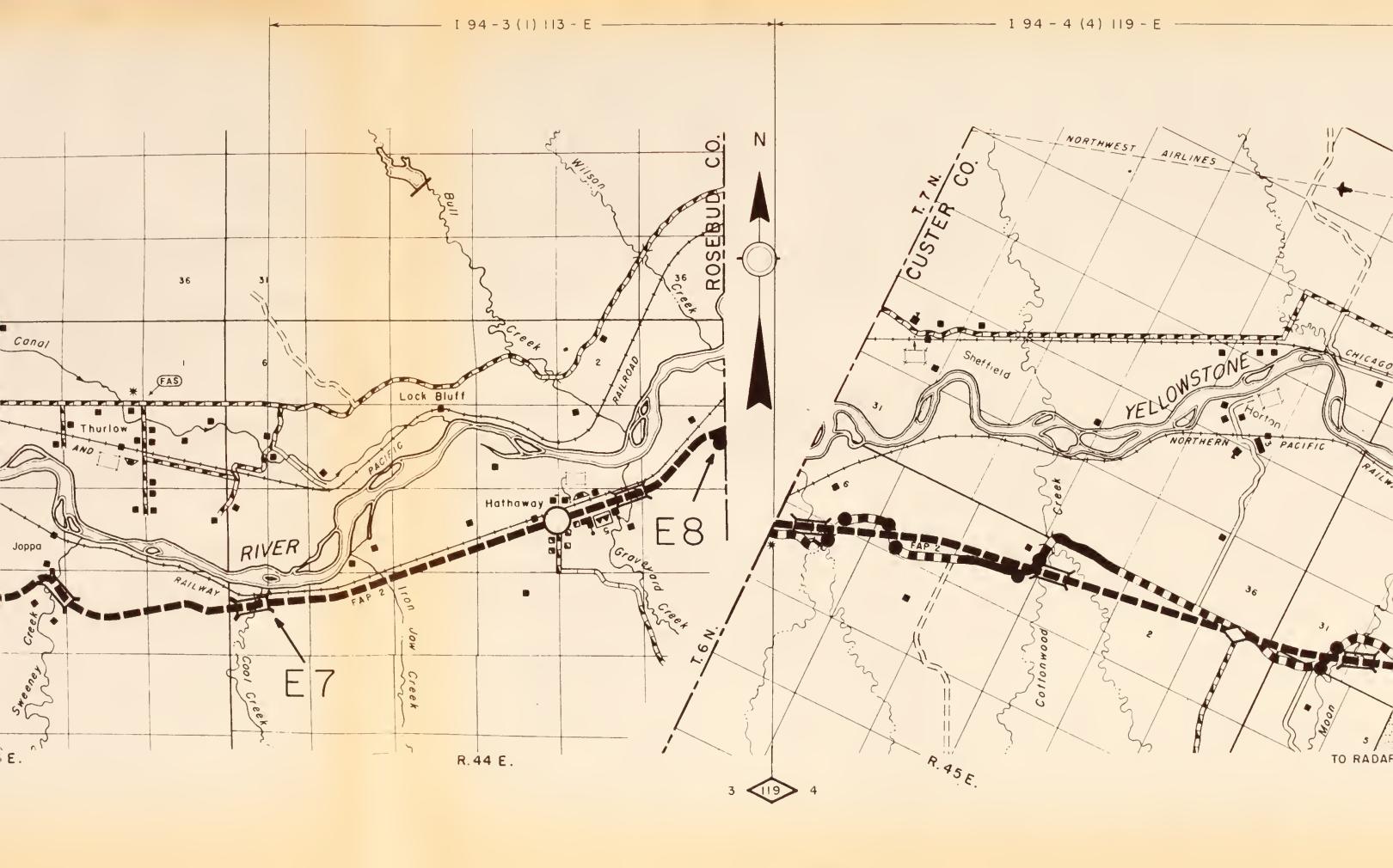


MONTANA

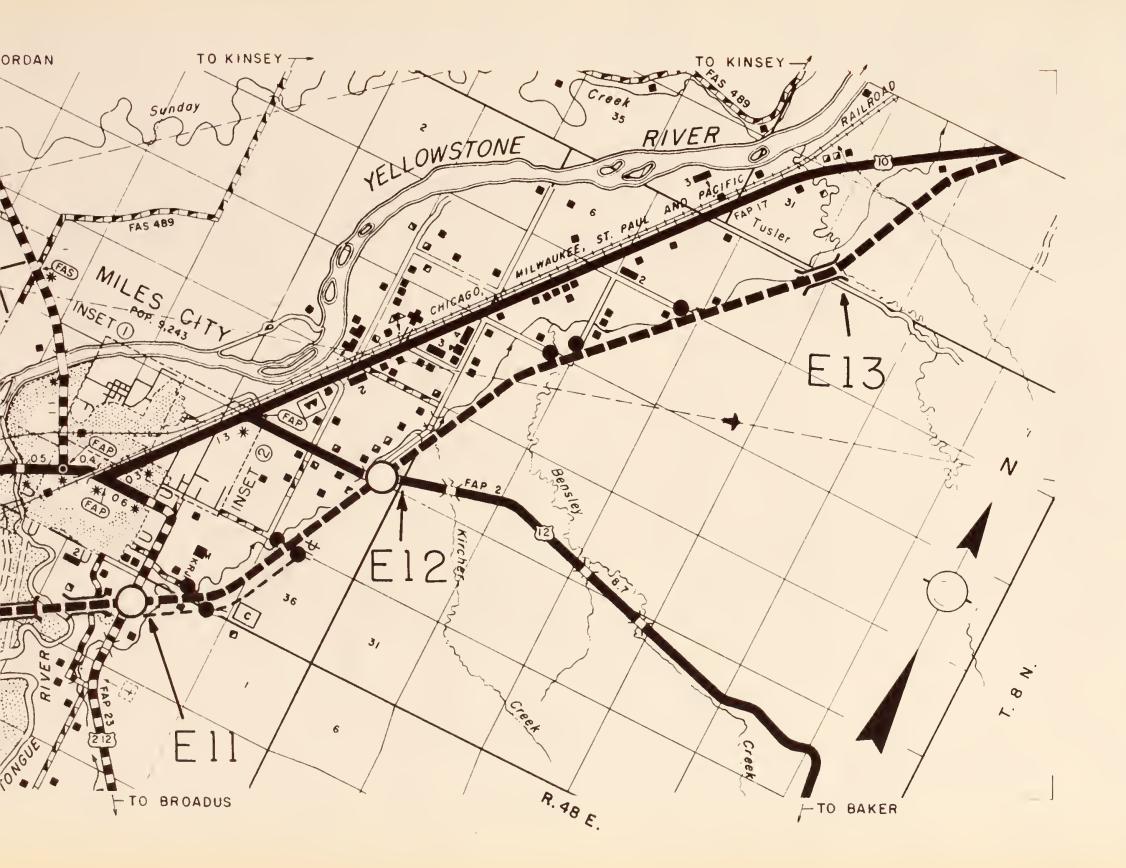
INTERSTATE ROUTE 94 (101)

Sheet 2 of 5

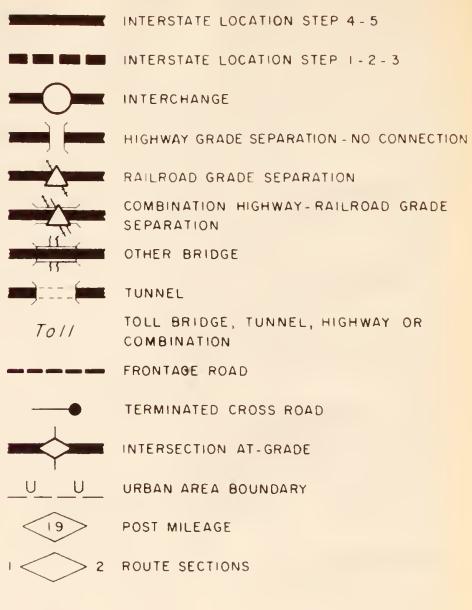


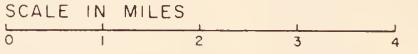


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LEGEND FOR INTERSTATE ROUTES

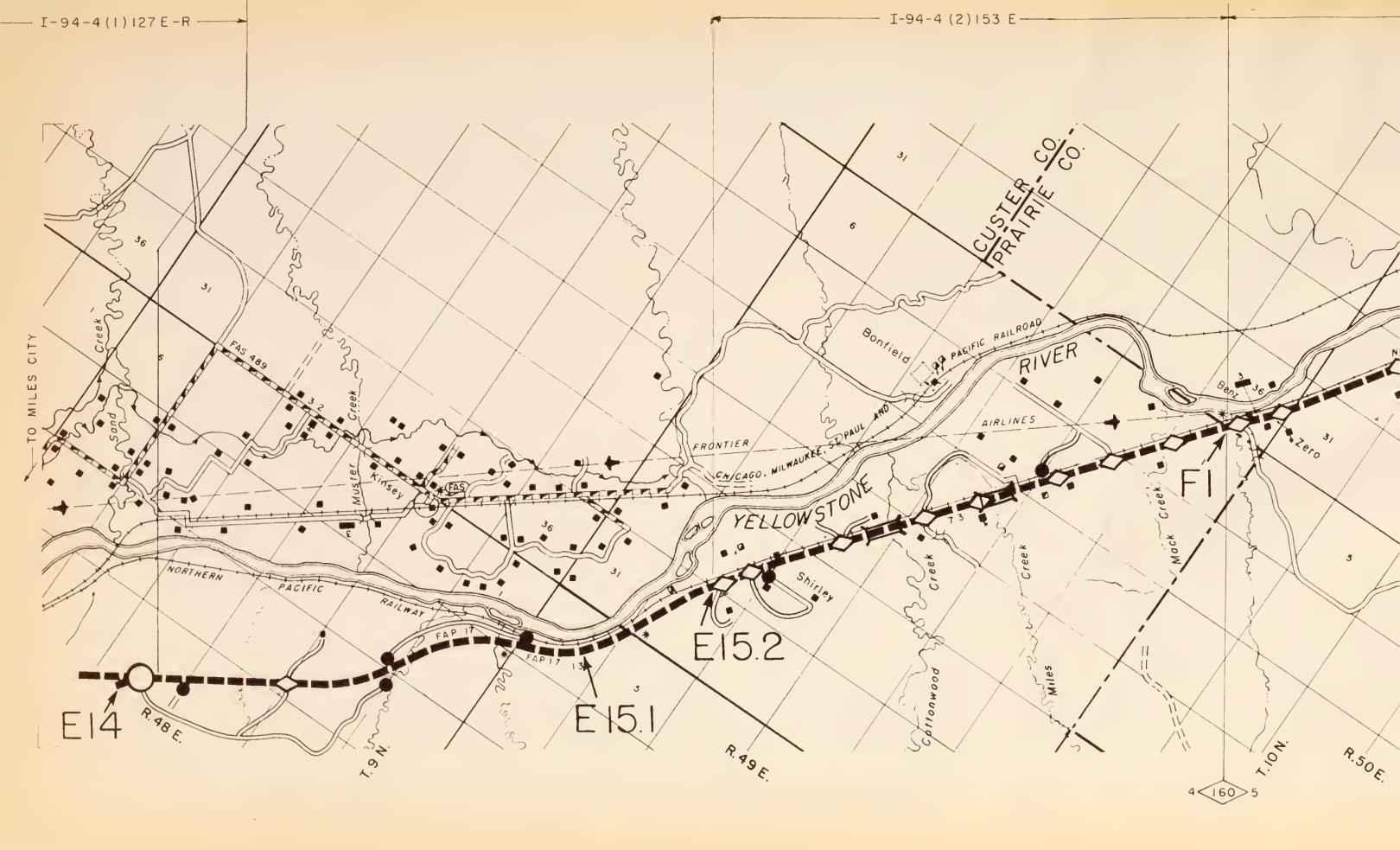


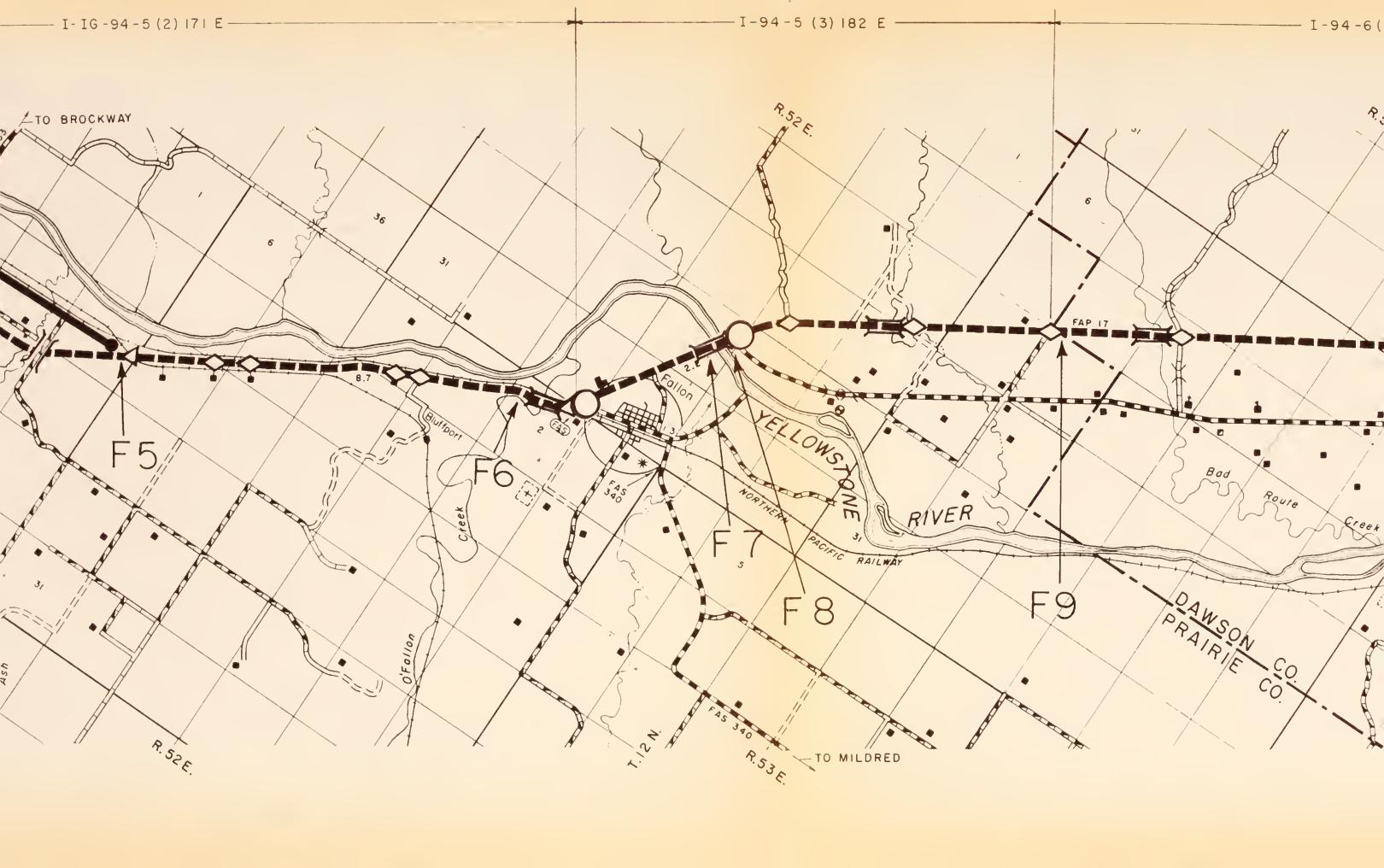


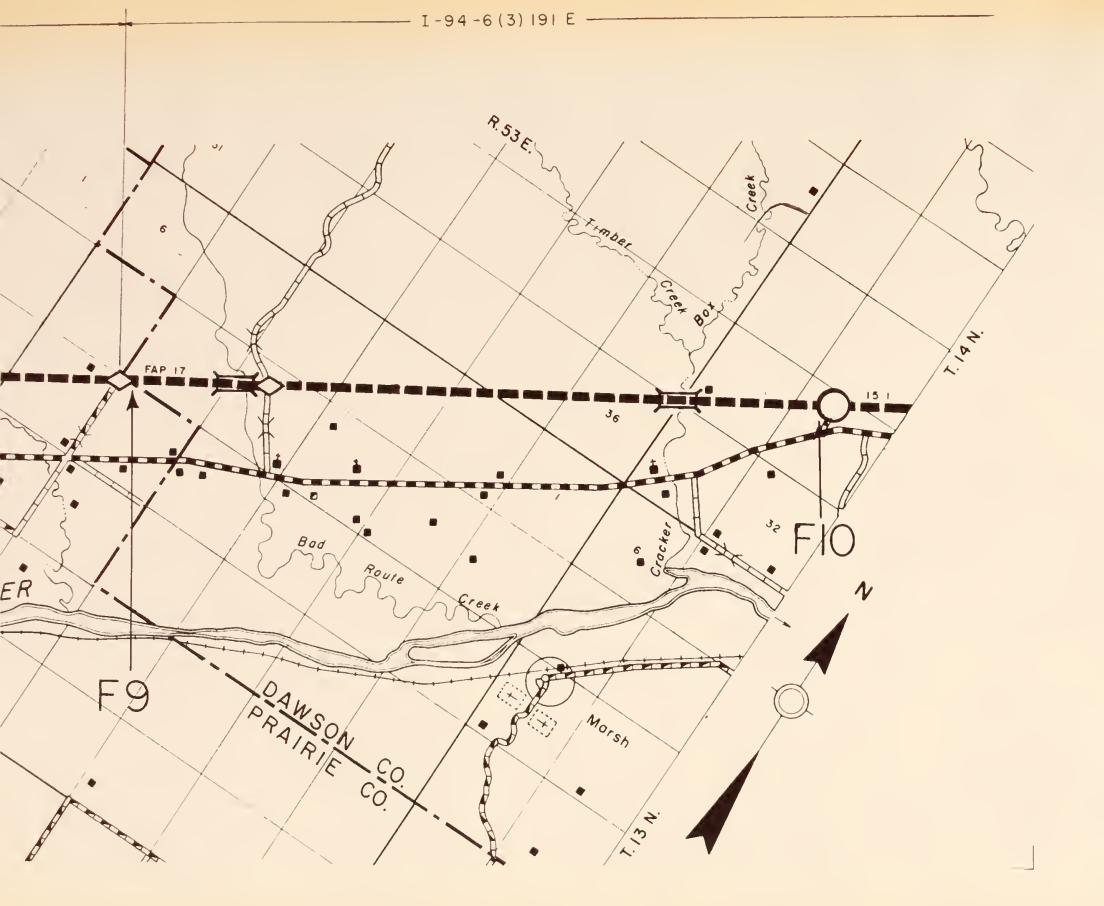
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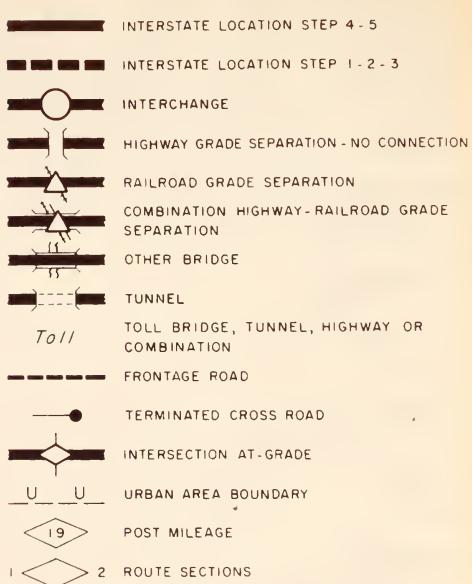
INTERSTATE ROUTE 94 (101)

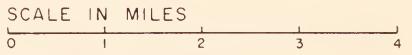
Sheet 3 of 5







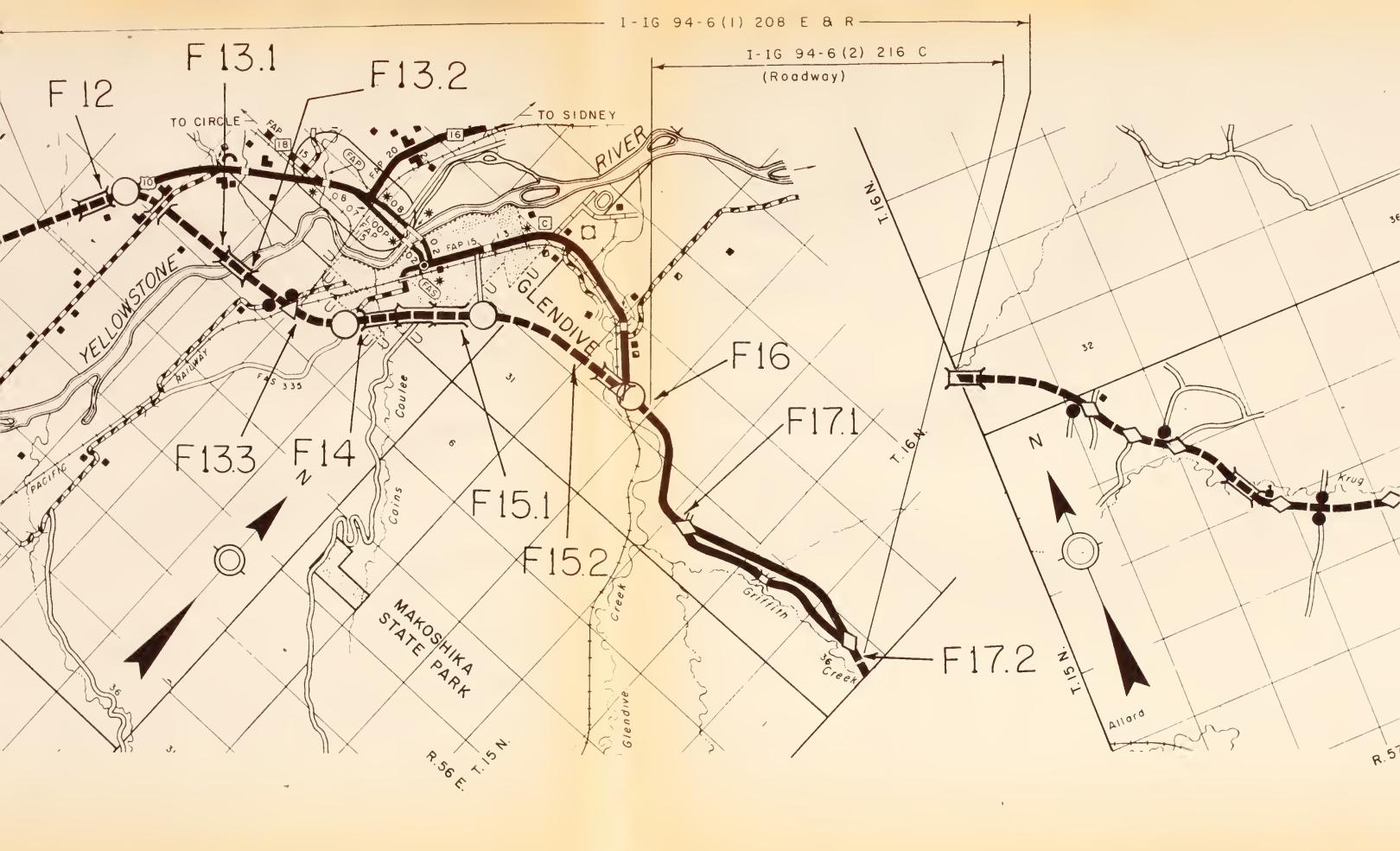


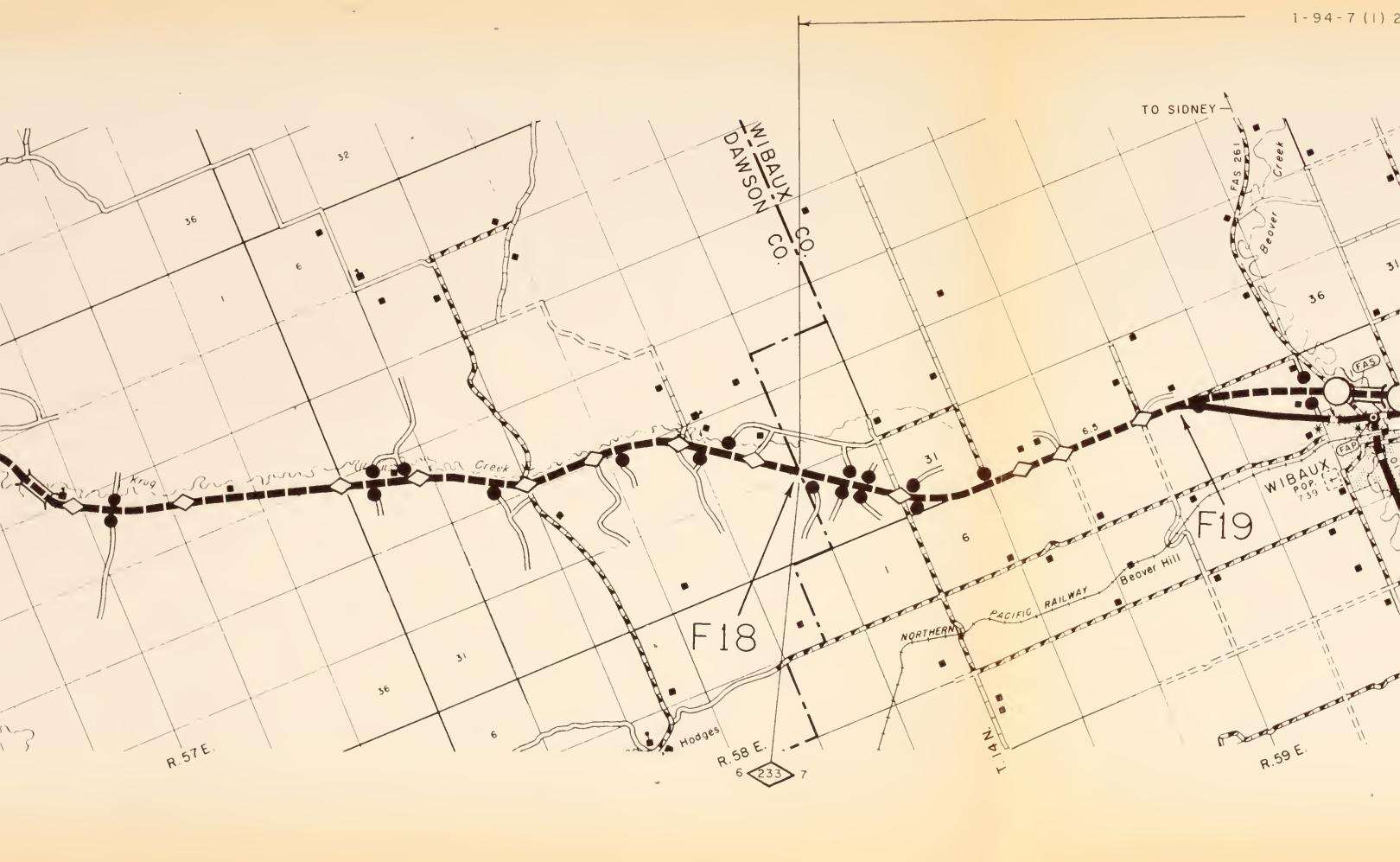


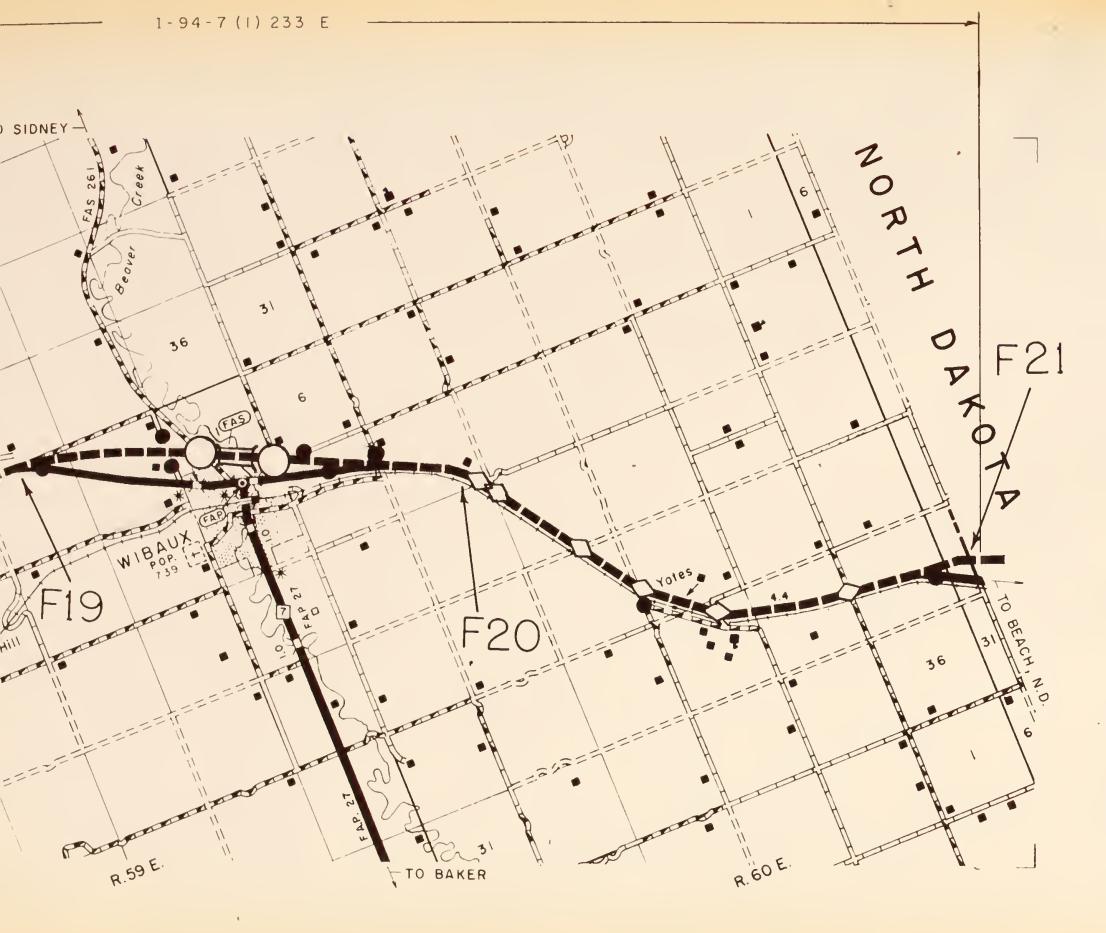
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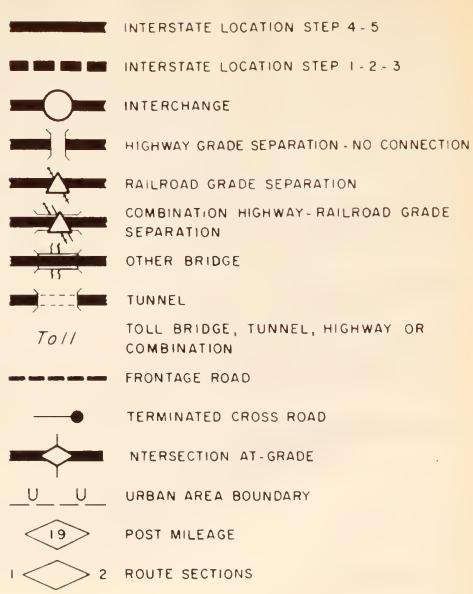
INTERSTATE ROUTE 94 (101)

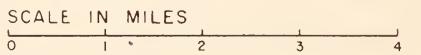
Sheet 4 of 5











MONTANA

INTERSTATE ROUTE 94 (101)

Sheet 5 of 5

TABLE	В	_	DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS	
-------	---	---	--------	----------------	----	-------	---------	--

76

prevailing ____

12

STATE MONTANA						NE	W INTERSTA	TE ROUTE	NO. 11	5	
Old Interstate route number	104	104									
Route identification (Code 1 of 2)	1	1									
Section	Kl.1-Kl.2	Kl.2-K2									
I T E M 1. Section length, miles	0.3	1.1									1.4
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 2700 6900 840 65% 75 70 4	U E 2100 5400 660 65% 5% 50 4									
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	0.3	1.1									1.4
14. Typical cross-section reference 15. Right-of-way width: minimum	40 300	42 200									
prevailing	300	300									
16 Median width: minimum	76	12									

Signatures:		Date
	State: Name and Title	
		Date
	BPR Division Engineer	

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE	MONTANA	NEW INTERSTATE ROUTE NO	15
-------	---------	-------------------------	----

Old Interstate route number	104	104													
Route identification (Code 1 or 2)	1	1											Subt	total	Total
Section	Kl.1-Kl.2												Rural	Urban	For doute
Section length, miles (0.1 mile)	0.3												0.3	1.1	1.4
Class: Rural or Urban	R	บ													
Location: Existing, new, or toll	E	E													
No. Lanes to be constructed this estimate		4													
No. through traffic lanes	4	4													
Finance code	22	22											$\geq \leq$		
WORK CLASSIFICATION			EST	IMATED CO	STS (1,000	Dollars)									
			1		ſ	1	1	1	1	1	1	1 .			
1. Preliminary engineering	3	7								1			3	7	10
2. Right-of-way	100	200			ļ								100	200	300
3. Clear & grub; demolition	-	-											-	- 1	-
4. Utility adjustments		-											-	-	-
5. Grade & Drain; minor structures	3	62											3	-	3
6. Base; surfacing; shoulders	25												25	62	87
7. R.R. grade separations	-	-											-	-	-
8. Highway grade separations without ramps	-	_											-	-	-
9. Interchanges, complete	-	-											-	-	-
10. Other bridges; tunnels 11. Walls	_	-											~	-	~
	-	-					•						-	-	-
12. Guardrail; fencing; lighting; traffic control devices	38	91											20	07	700
13. Roadside improvement	2	3											38	91	129
14. All other items	_	2											۷	3	5
15. Subtotal, lines 3 to 14	68	156							-				68	156	224
16. Construction Engineering & Contingencies,		"											00	٥ر١	44
10% of line 15	7	16											7	16	23
17. Total Estimated Cost	178	379											178	379	557

ignatures:		Date
	State: Name and Title	Date
		Date
	BPR Division Engineer	

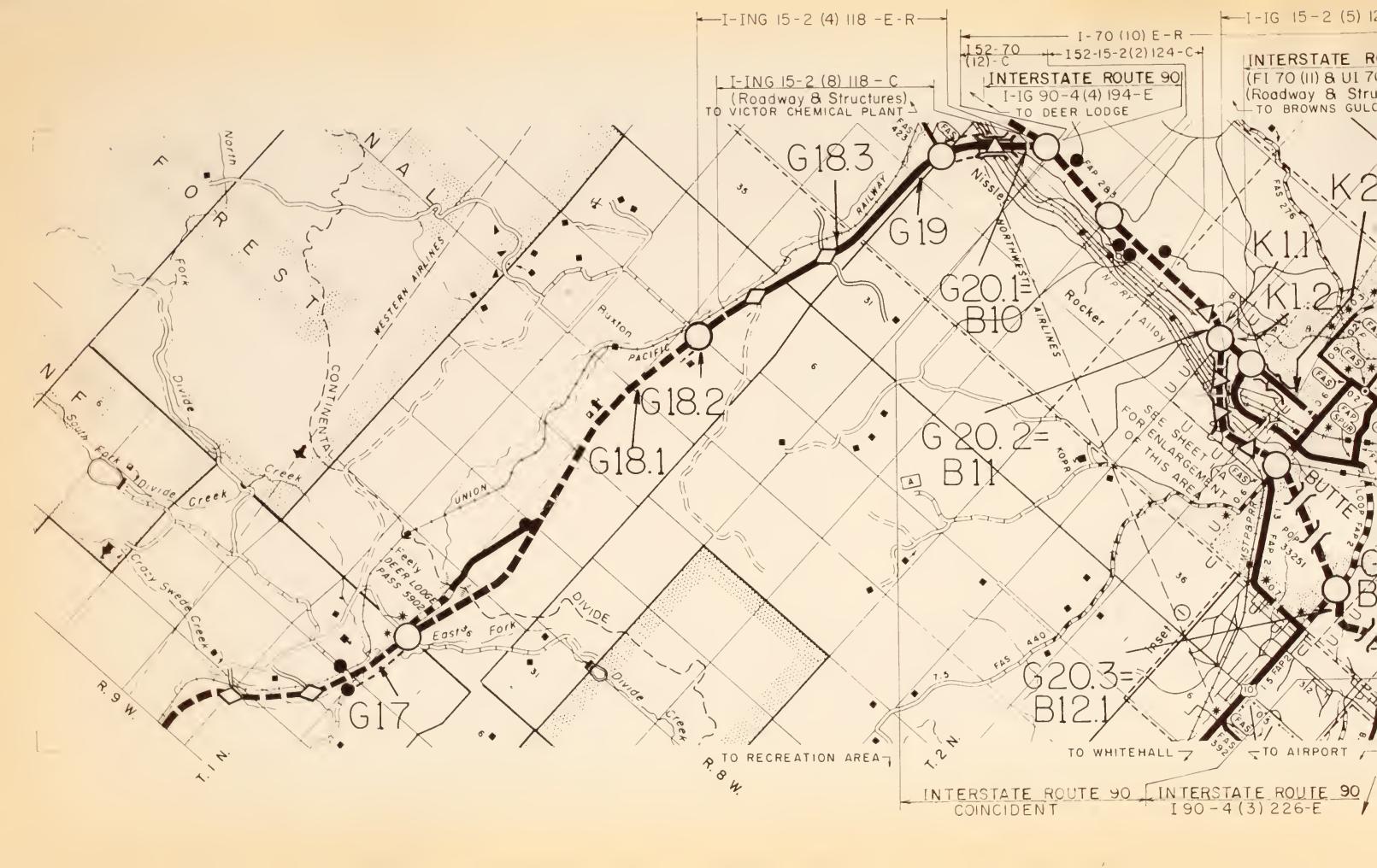
TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

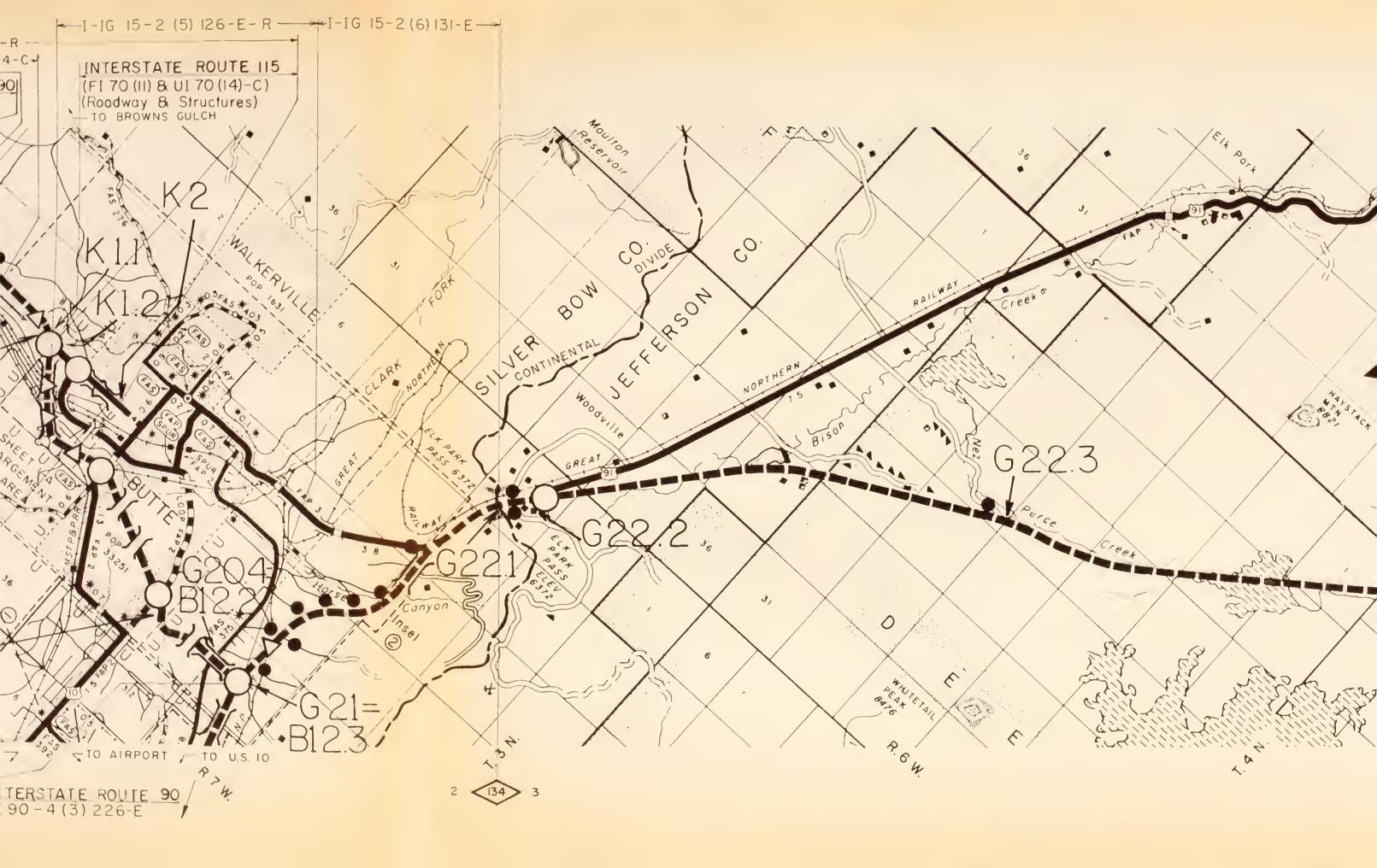
BY ROUTE SECTIONS WITH ROUTE TOTALS

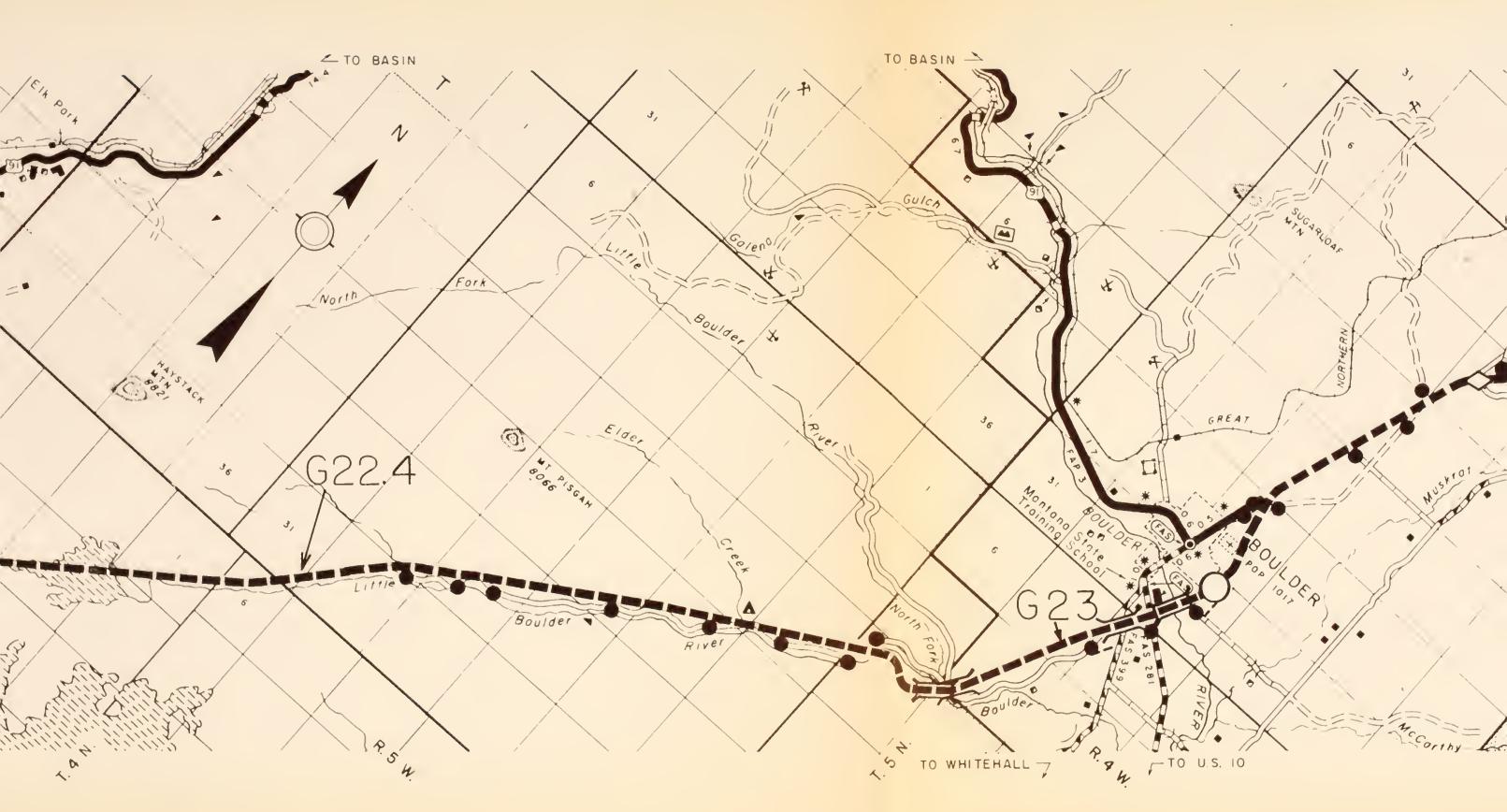
NEW INTERSTATE ROUTE NO. 115

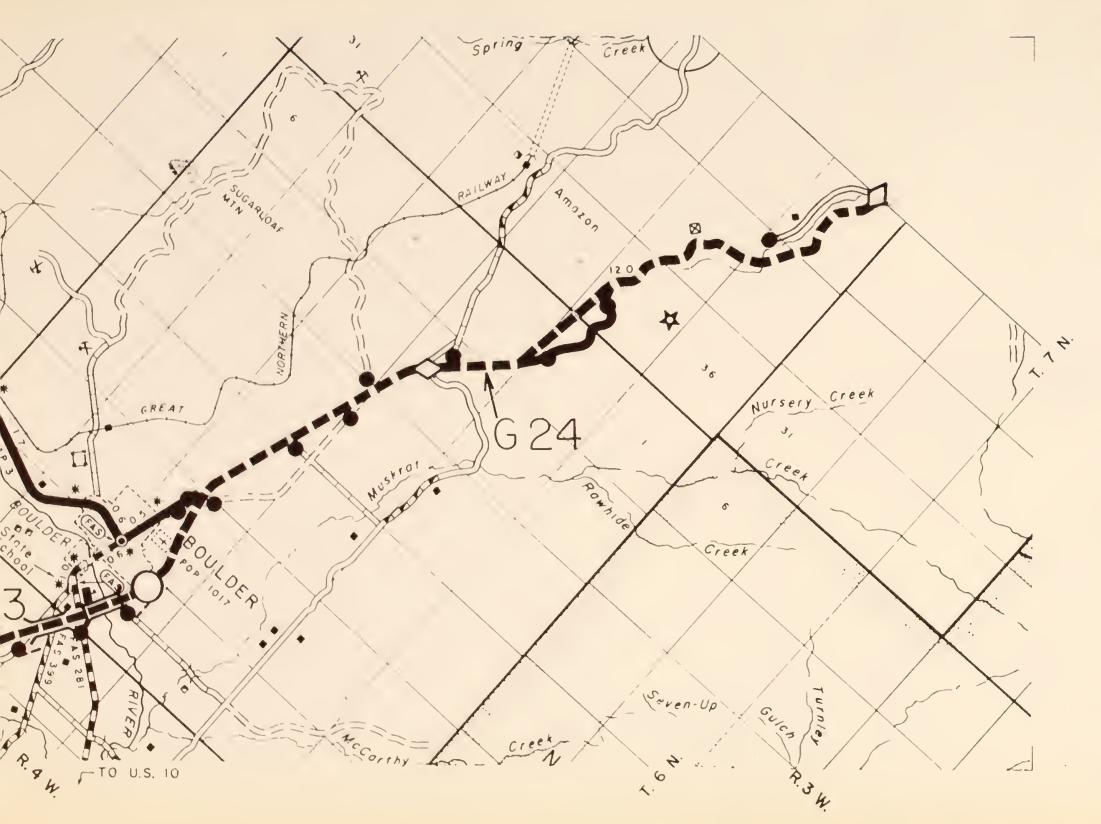
Old Interstate route number	104	104										
Route identification (Code 1 or 2)	1	1									otal	Total
Section	Kl.1-Kl.2	Kl.2-K2								Rural	Urban	For Route
Section length, miles (0.1 mile)	0.3	1.1								0.3	1,1	1.4
Class: Rural or Urban	R	U										
Location: Existing, new, or toll	E	E										
No. Lanes to be constructed this estimate	4	4								\geq		
No. through traffic lanes	4	4								$\geq \leq$		
Finance code	22	22		1						$\geq \leq$		
WORK CLASSIFICATION			ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTUR	RES				
												1
Item No. from												
Table C												
7. R.R. grade separations Cost	-	-								-	-	-
No. for which costs estimated	-	-								. -		-
No. in service - cost = zero	-	-								-	cm	-
No. in authorized status - cost = zero	-	_				•				-	-	-
8. Highway grade separations without												
ramps Cost	-	_								-	-	-
No. for which costs estimated	-	-								-	_	-
No. in service - cost = zero	-	2								-	2	2
No. in authorized status - cost = zero	-	_								-	CHIL.	-
									Į.			
9. Interchanges, complete Cost	-	-								-	-	-
No. for which costs estimated	-	-								-	-	-
No. in service - cost = zero	-	1								cn	1	1
No. in authorized status - cost = zero	-	-		1						-	₩w)	-
10. Other bridges: tunnels Cost	_	-								-	-	-
No. for which costs estimated	-	-								-	-	-
No. in service - cost = zero	_	_								-	-	-
No. in authorized status - cost = zero	-	-								-	800	-
Total structures Cost	-	_								-	_	-
No. for which costs estimated	-	-								-	-	-
No. in service - cost = zero	-	3								-	3	3
No. in authorized status - cost = zero	-	-								_	_	-

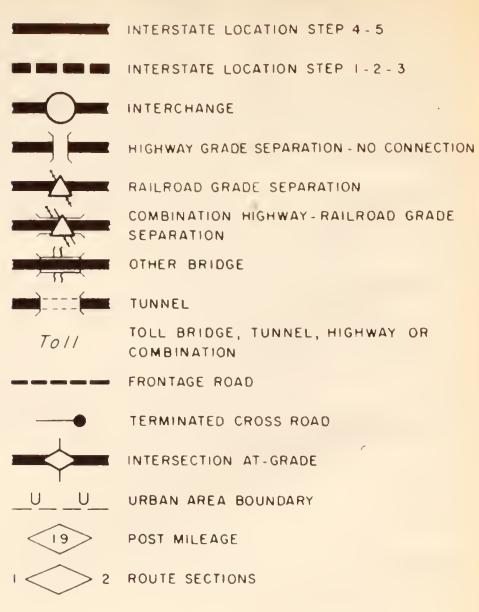
Signatures:		Date
	State: Name and Title	
		Date
	BPR Division Engineer	

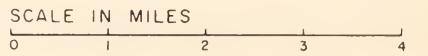












MONTANA

INTERSTATE ROUTE 15 (102)
Sheet 3 of 8
Date January I, 1960
INTERSTATE ROUTE 115 (104)
(COMPLETE ROUTE ON THIS SHEET.)

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE	MONTANA	NEW INTERSTATE ROUTE NO.	315
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Old Interstate route number	705	105					I							
Route identification (Code 1 or 2)	105	1			1		_					Subt	otal	Total
Section Section	L1-L2	L2-L3										Rural	Urban	For Route
Section length, miles (0.1 mile)	0.8	0.2			1							0.8	0.2	1.0
Class: Rural or Urban	R	U												
Location: Existing, new, or toll	E	E												
No. Lanes to be constructed this estimate		4												
No. through traffic lanes	4	4												
Finance code	22	22												
WORK CLASSIFICATION			EST	IMATED CO	STS (1,000	Dollars)								
								1	1		,			
1. Preliminary engineering	-	-										_	-	
2. Right-of-way	88	22										88	22	110
3. Clear & grub; demolition	-	-										-	_	21
4. Utility adjustments	11	3										11	3	14
5. Grade & Drain; minor structures	92	24										92	24	116
6. Base; surfacing; shoulders	177	46										177	46	223
7. R.R. grade separations	58	-										58	-	58 108
8. Highway grade separations without ramps	108	-			1							108	-	100
9. Interchanges, complete	-	-										-	-	-
10. Other bridges; tunnels	-	-										-	_	-
ll. Walls	-	-										-	_	-
12. Guardrail; fencing; lighting; traffic												O.I.	20	116
control devices	84	32										84	32	170
13. Roadside improvement	2	1										2	1	2
14. All other items	-	-										532	106	638
15. Subtotal, lines 3 to 14	532	106										5)2	100	0,0
16. Construction Engineering & Contingencies,	53	11										53	11	64
10% of line 15									 -			673	139	812
17. Total Estimated Cost	673	139	1					l		1		0/)	エノフ	OLC

		Date
State:	Name and Title	Dave
		Date

BPR Division Engineer

Signatures:

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

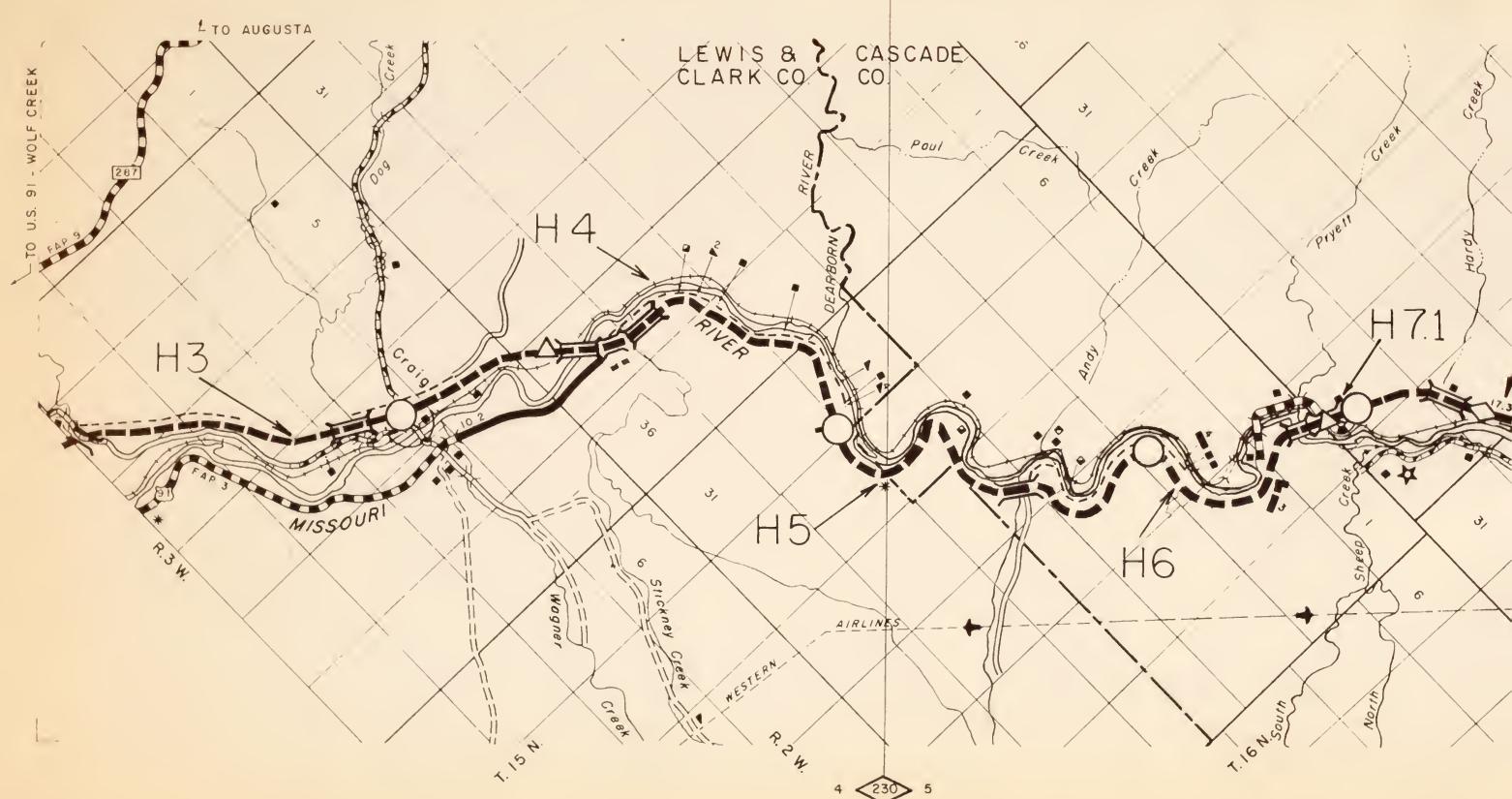
BY ROUTE SECTIONS WITH ROUTE TOTALS

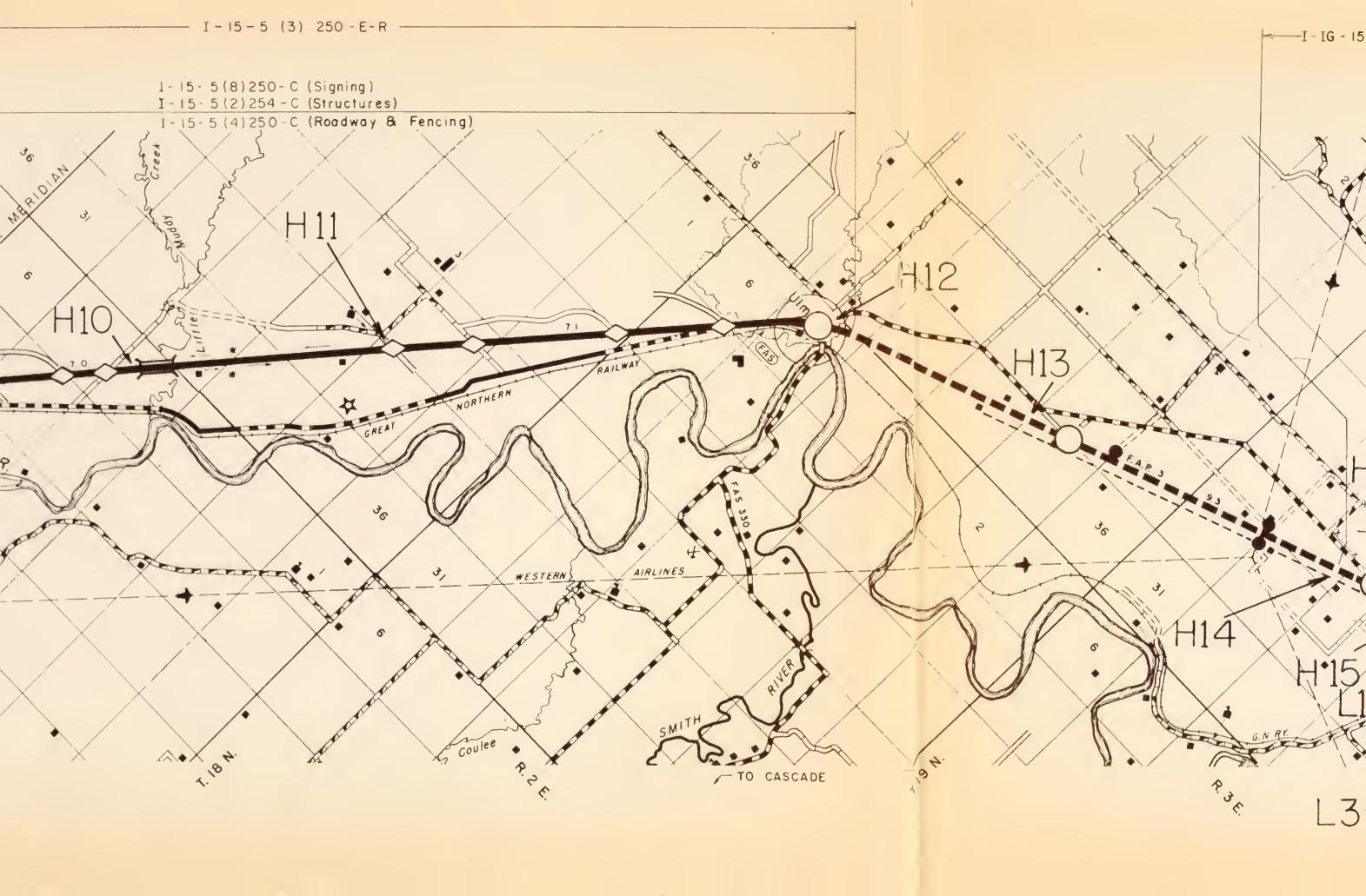
NEW INTERSTATE ROUTE NO. 315

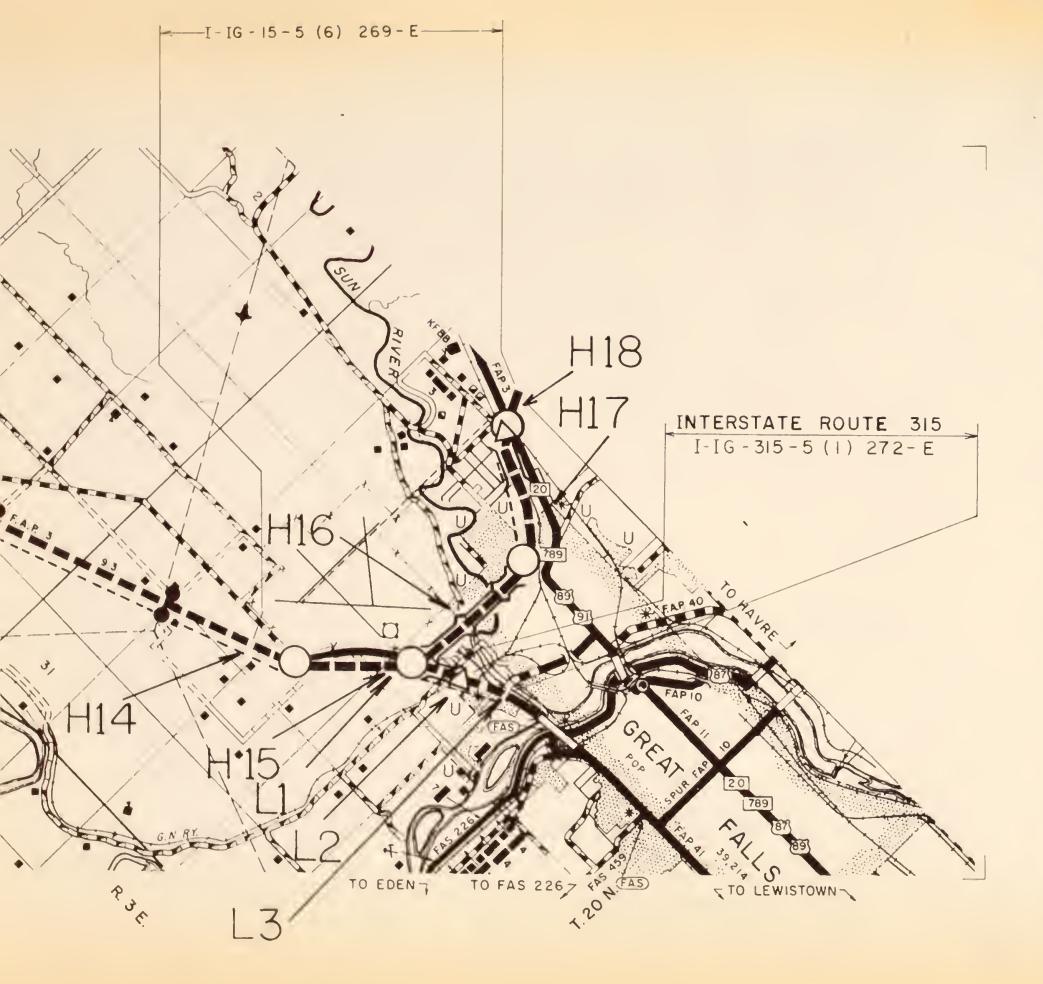
Old Interstate route number	105	105									><		
Route identification (Code 1 or 2)	1	1									Subt	otal	Total
Section	L1-L2	L2-L3									Rural	Urban	For Rout
Section length, miles (O.1 mile)	0.8	0.2									0.8	0.2	1.0
Class: Rural or Urban	R	U											
Location: Existing, new, or toll	E	E											
No. Lanes to be constructed this estimate	4	4											
No. through traffic lanes	4	4											
Finance code	22	22					<u> </u>						
WORK CLASSIFICATION			1	ESTIMATED	COSTS (1,00	O Dollars)	AND NUMBER	OF STRUCTU	IRES				
Table C													
7. R.R. grade separations Cost		-									58	-	58
No. for which costs estimated	1	-									1	-	1
No. in service - cost = zero	_	-									_	_	_
No. in authorized status - cost = zero	_	-								:	_	-	-
8. Highway grade separations without													
ramps Cost	108	_									108	_	108
No. for which costs estimated	1	-									1	-	1
No. in service - cost = zero	-	-									-		-
No. in authorized status - cost = zero	-	-									-	-	_
9. Interchanges, complete Cost	_	_											
		-	 				-	·			-	-	-
No. for which costs estimated	_	-									_	-	-
No. in service - cost = zero	_										_	_	-
No. in authorized status - cost = zero	_	-									-	-	-
10. Other bridges: tunnels Cost	_	_									_	_	_
No. for which costs estimated	-	-									-	-	-
No. in service - cost = zero	_	-									-	-	_
No. in authorized status - cost = zero	_	-								i	-	_	-
Total structures Cost	166	-									166	-	166
No. for which costs estimated	2	-									2	-	2
No. in service - cost = zero	-	-									_	_	_
No. in authorized status - cost = zero	-	_									-	_	_

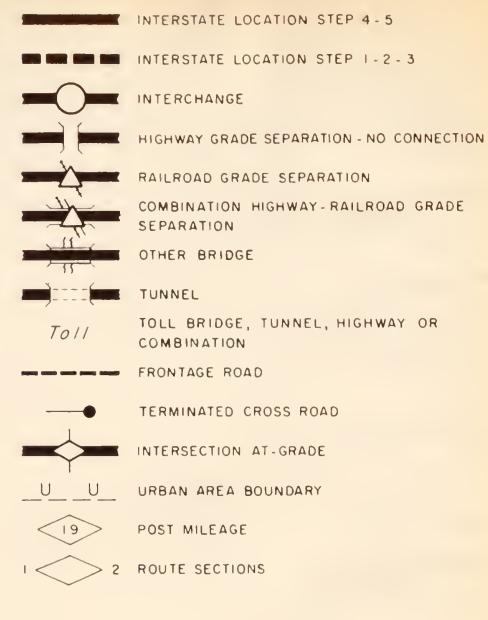
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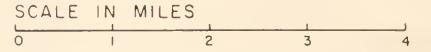
Signatures:











MONTANA

INTERSTATE ROUTE 15 (102)
Sheet 5 of 8
Date January I, 1960
INTERSTATE ROUTE 315 (105)
(COMPLETE ROUTE ON THIS SHEET.)

STATE MONTANA

	NEW INTERSTATE ROUTE NUMBER	1	5	9	0	9/	4	11	.5	31	.5	Subto	tal	
	Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Totals
	length, miles	379.9	7.1	539.3	3.5	245.1	1.7	0.3	1.1	0.8	0.2	1165.4	13.6	1179.0
	WORK CLASSIFICATION	ESTIM	ATED COST	S (1,000	Dollars)									
1.	Preliminary Engineering Right-of-way	1409 7837	34 1865	1818 15027	2499	621 3497	11 200	3 100	7 200	 88	22	3851 26549	52 4786	3903 31335
3.	Clear & grub; demolition Utility adjustments	343 1065	363	552 3435	 51	6 1050	 12			 11	 3	901 5561	429	901 5990
5.	Grade & drain; minor structures Base; surfacing; shoulders	36299 24624	687 742	55911 42583	666	13075	124 168	3 25	62	92 177	24 46	105380	1501	106881 84642
7. 8.	R. R. grade separations Highway grade separations without ramps	1688	724 318	6460	115	589 795	216			58 108		8795 5491	839	9634 6025
9.	Interchanges, complete Other bridges; tunnels	9390 3752	1085	15438 11956	511 157	5134 4974	87					29962 20682	1596	31558 21472
11.	Walls Guardrail; fencing; lighting; traffic													
13.	control devices Roadside improvements	45.16 11.44	719 19	6169 1704	334 10	2601 801	78 5	38 2	91 3	84 2	32 1	13398 3653	1254 38	14652 3691
14.	All other items	223		392		150						765	vian Silv	765
15.	Subtotal, lines 3 to 14 Construction Engineering &	84579	5203	147643	2588	44646	690	68	156	532	106	277468	8743	286211
	Contingencies 10% line 15	8457	521.	14764	259	4464	69	7	16	53	11	27745	876	28 62 1
17.	Total Estimated Cost	102282	7623	179252	5346	53228	970	178	379	673	139	335613	14457	350070
18.	Route Total, Rural plus Urban	109	1905	184	598	51	198	55	7	8	12	><		350070

Signatures:			Date		
0	State	Name	Title		
				Date	
	BPR Div	ision Engineer			

